

FIG.1

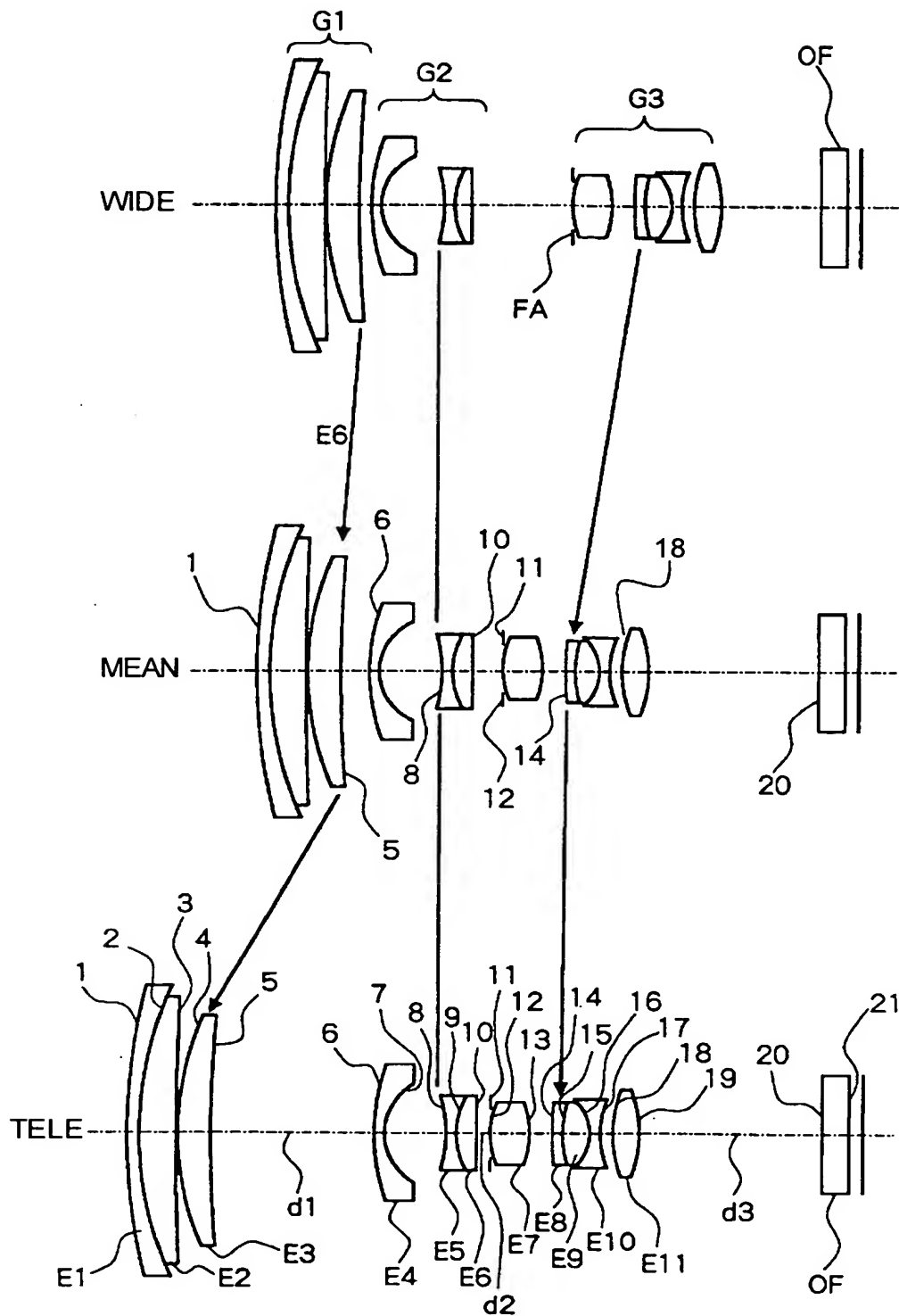


FIG.2

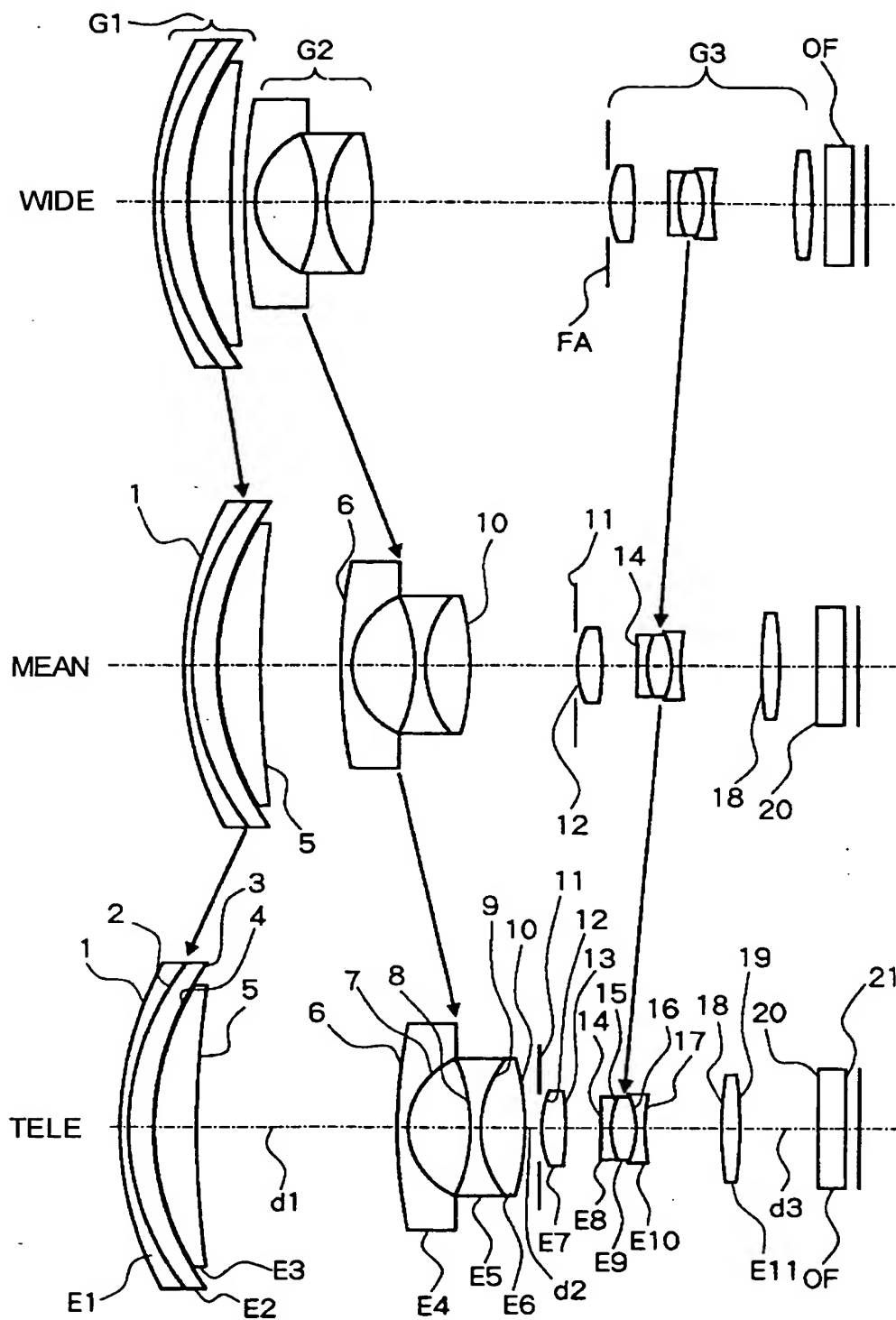


FIG.3

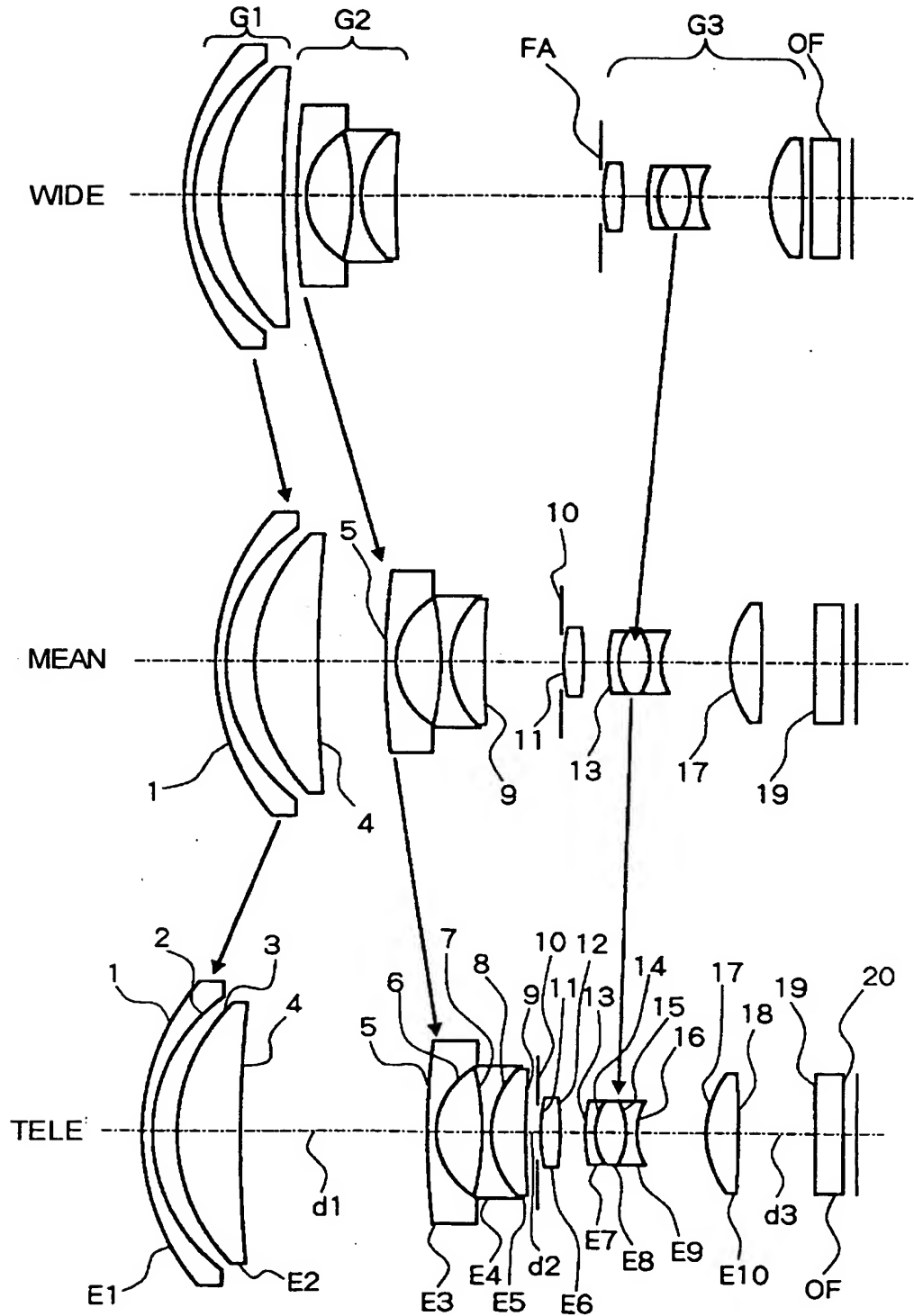


FIG.4

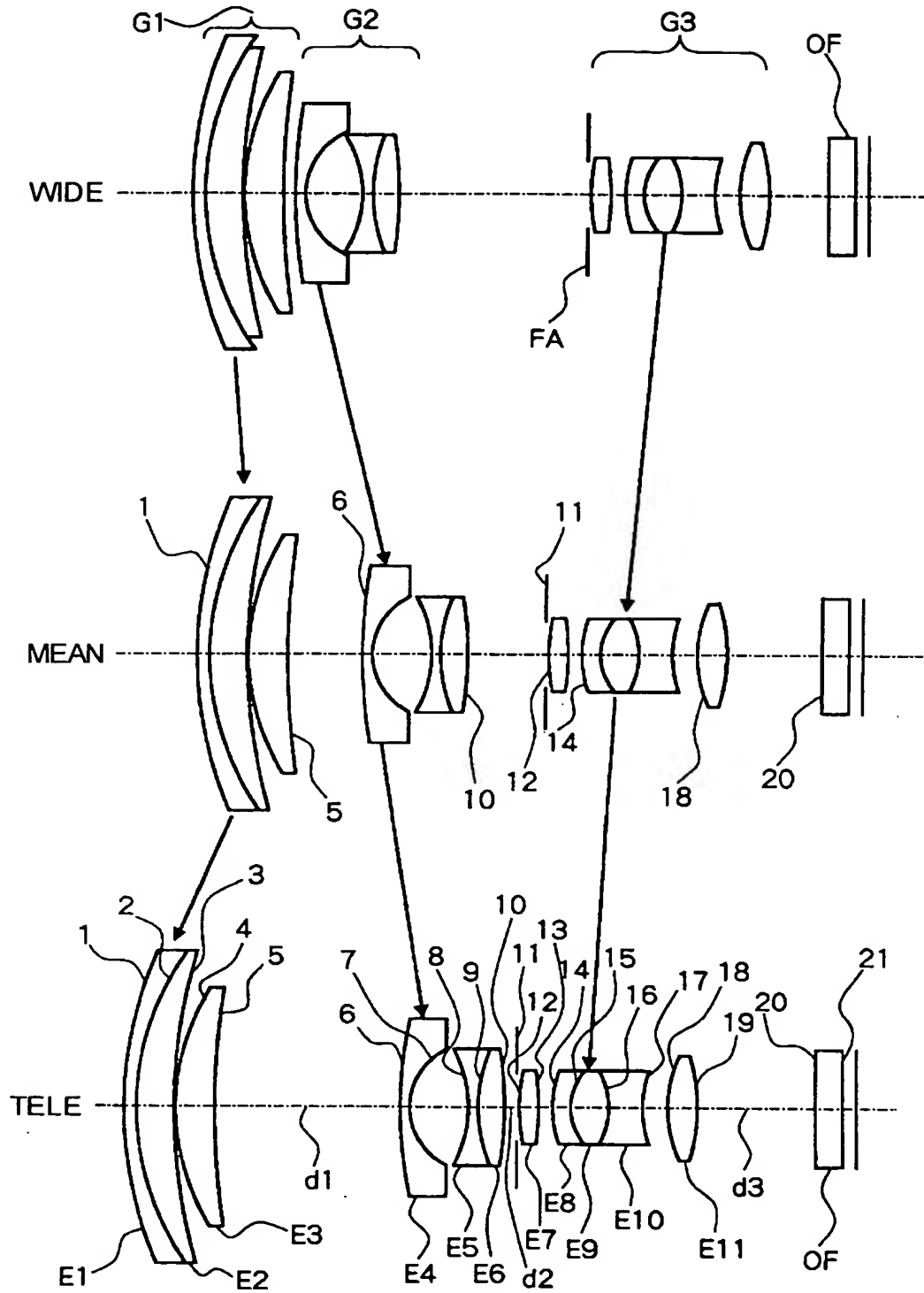


FIG.5

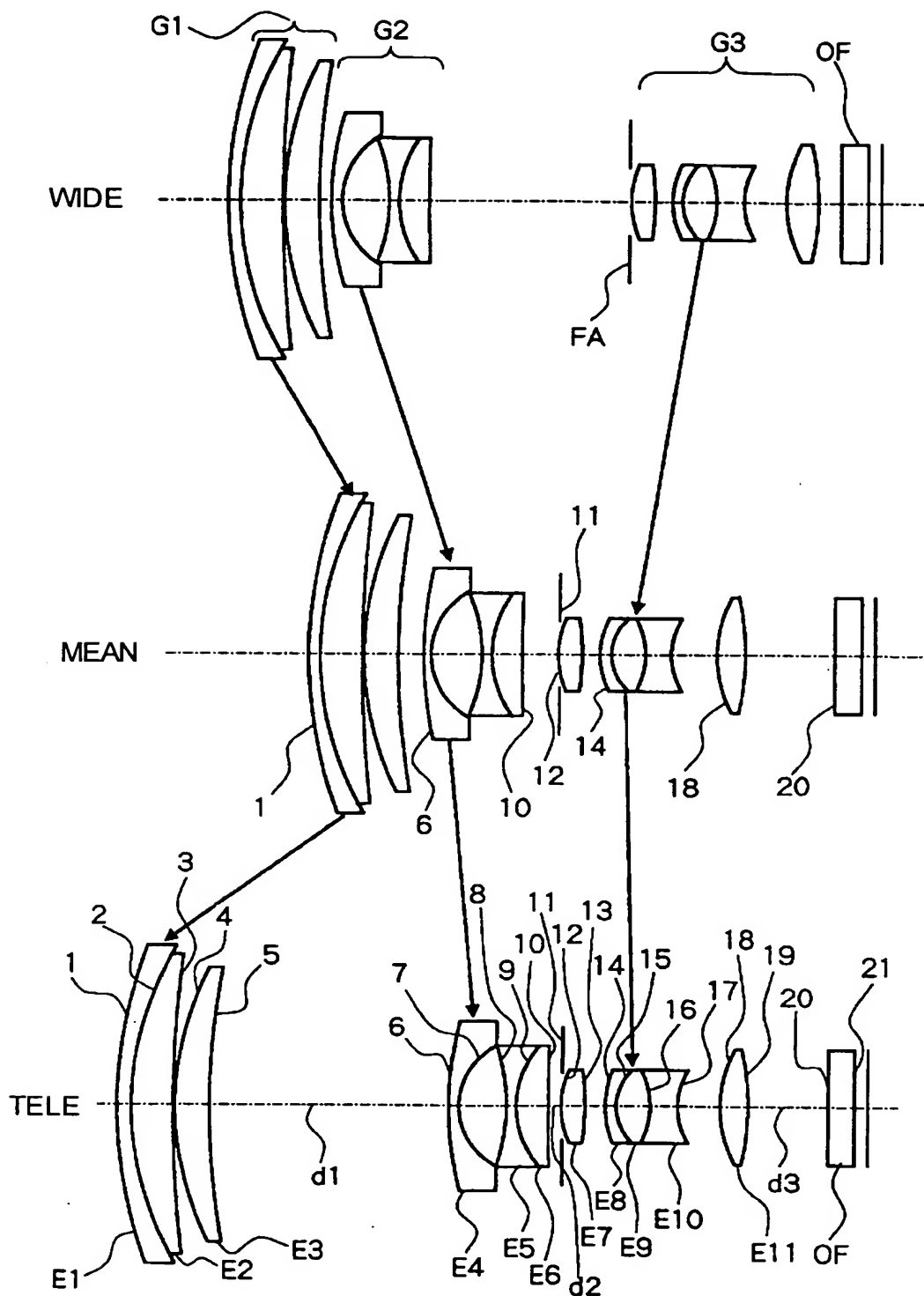


FIG.6

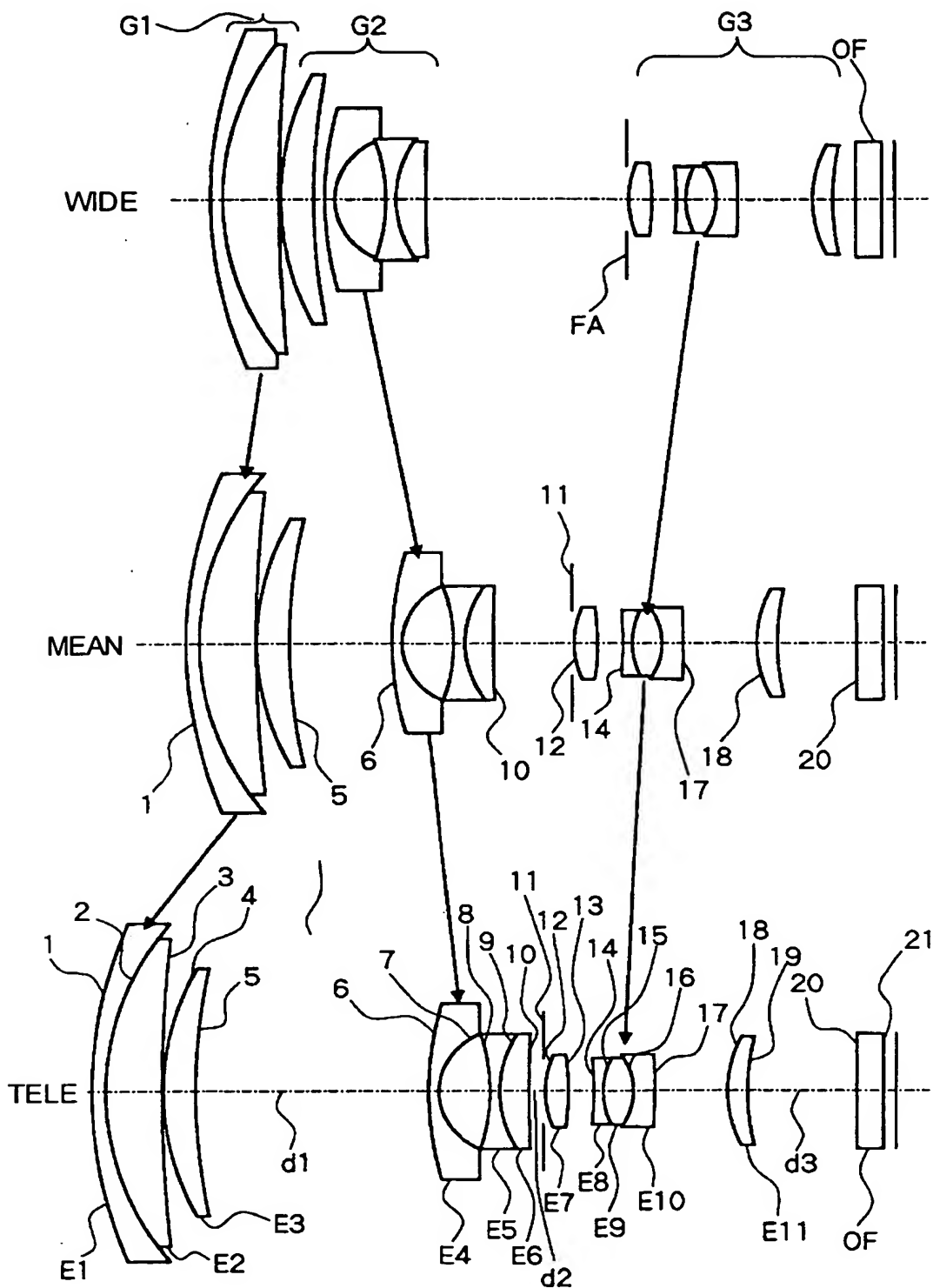


FIG.7

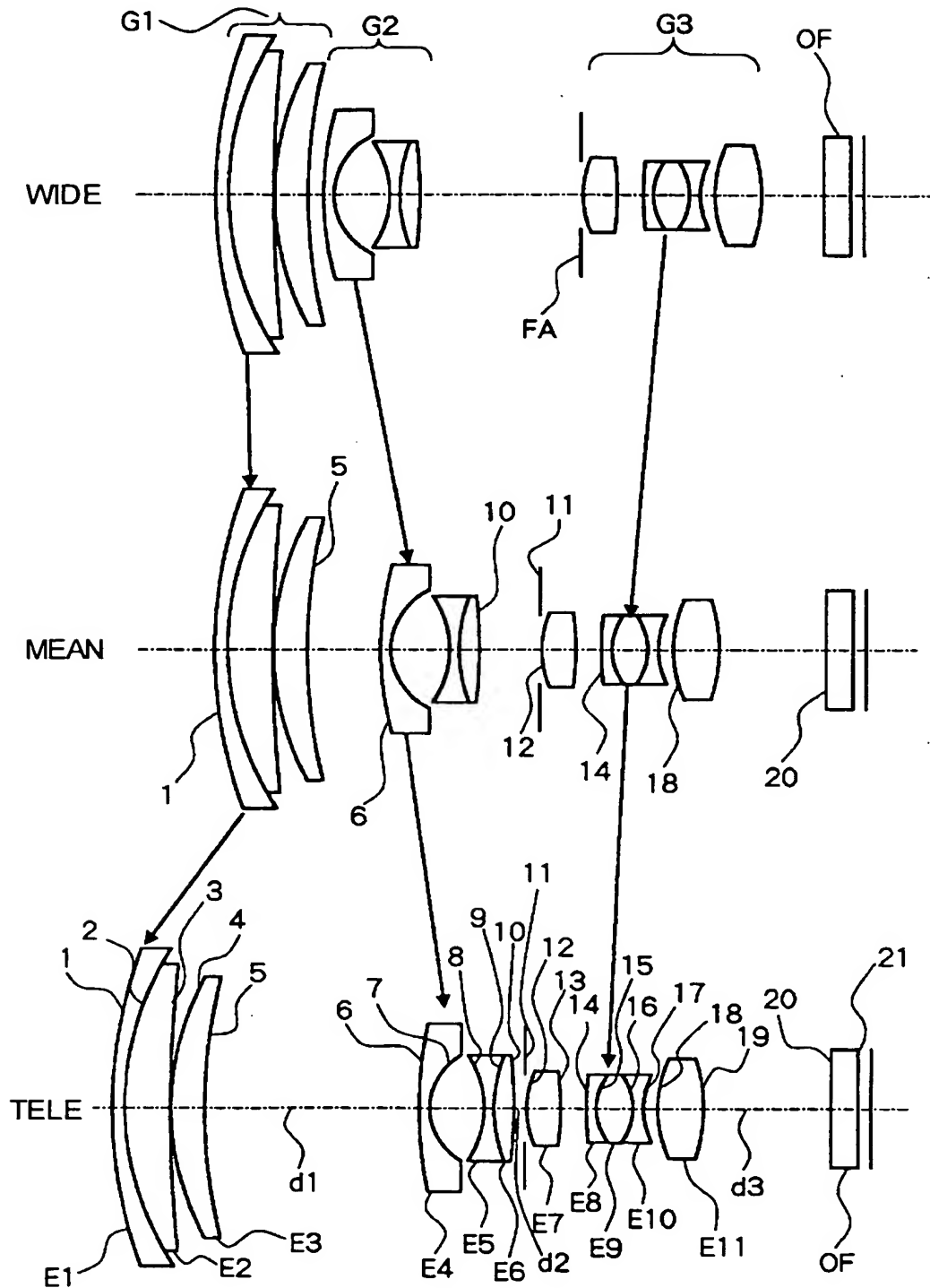
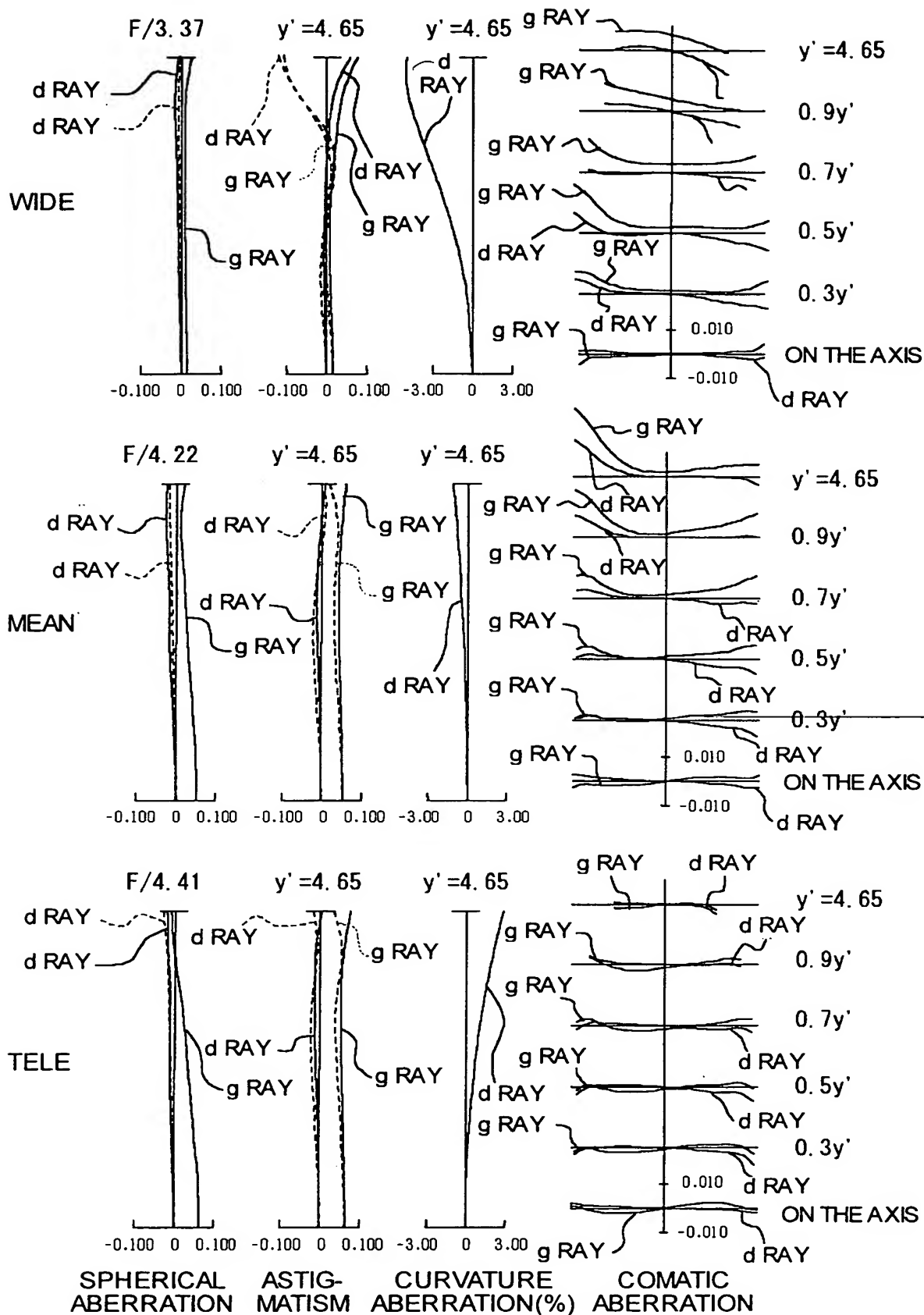
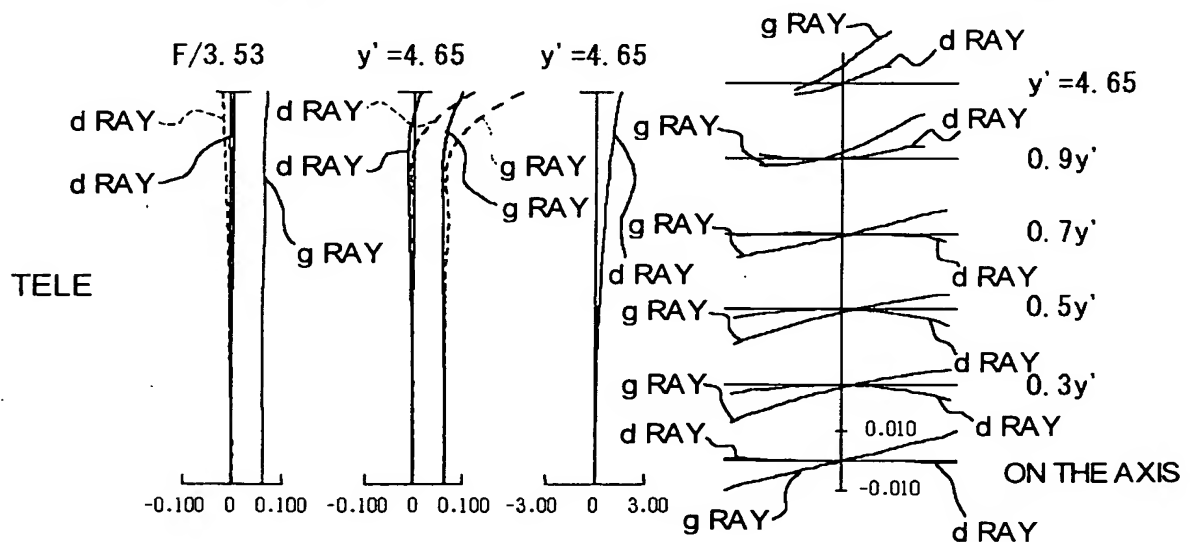
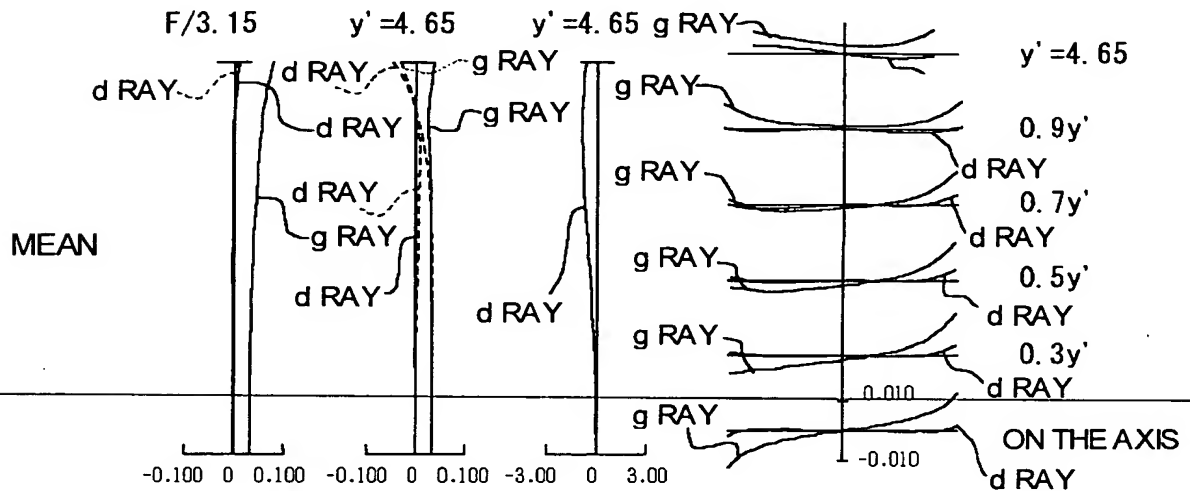
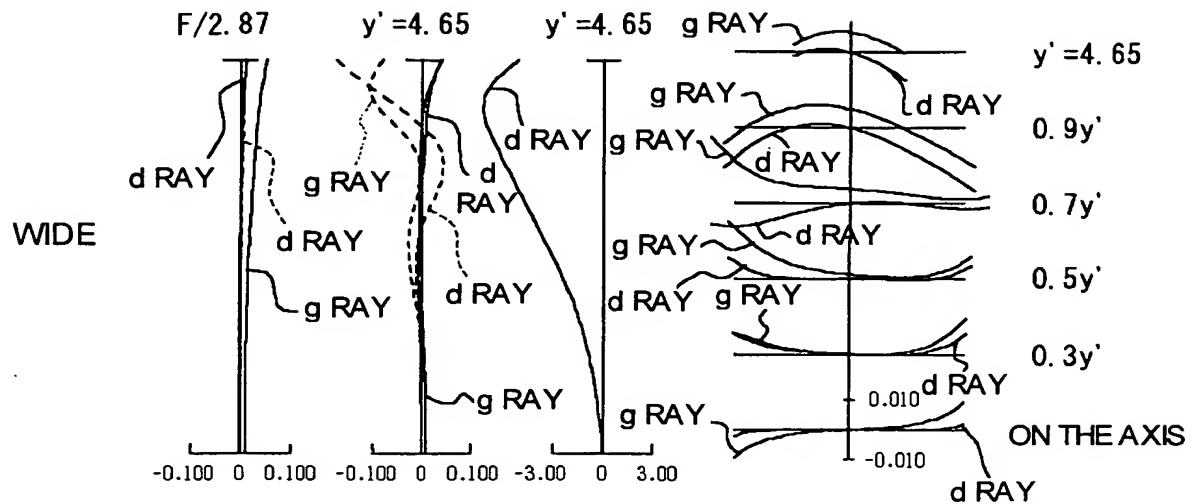


FIG.8



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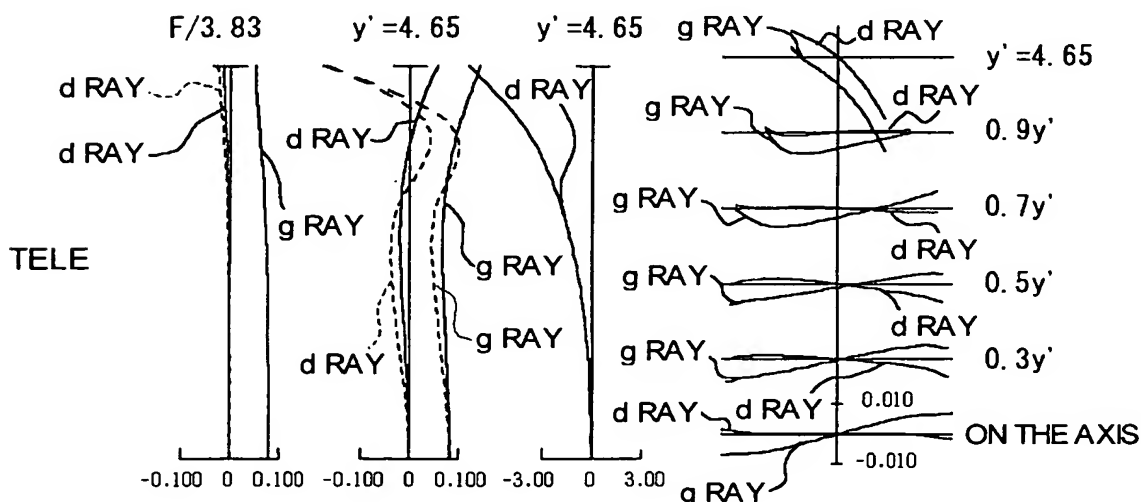
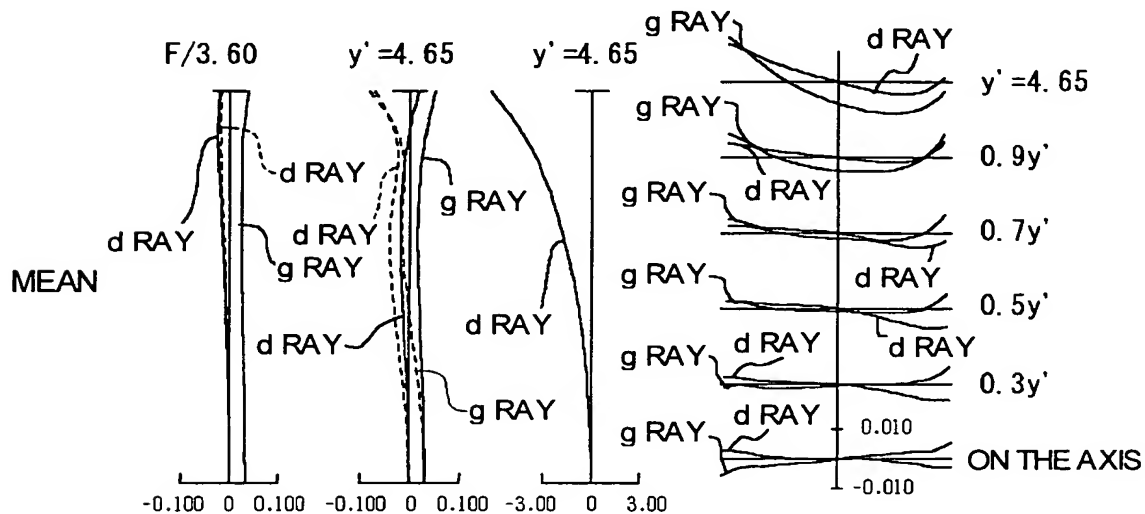
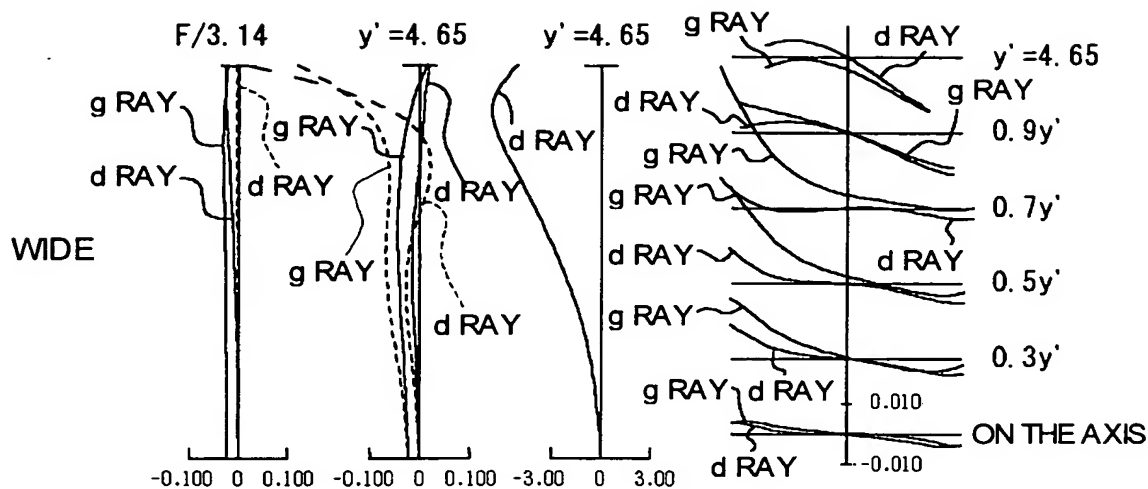
FIG.9



SPHERICAL ABERRATION ASTIG- MATISM CURVATURE ABERRATION(%) COMATIC ABERRATION

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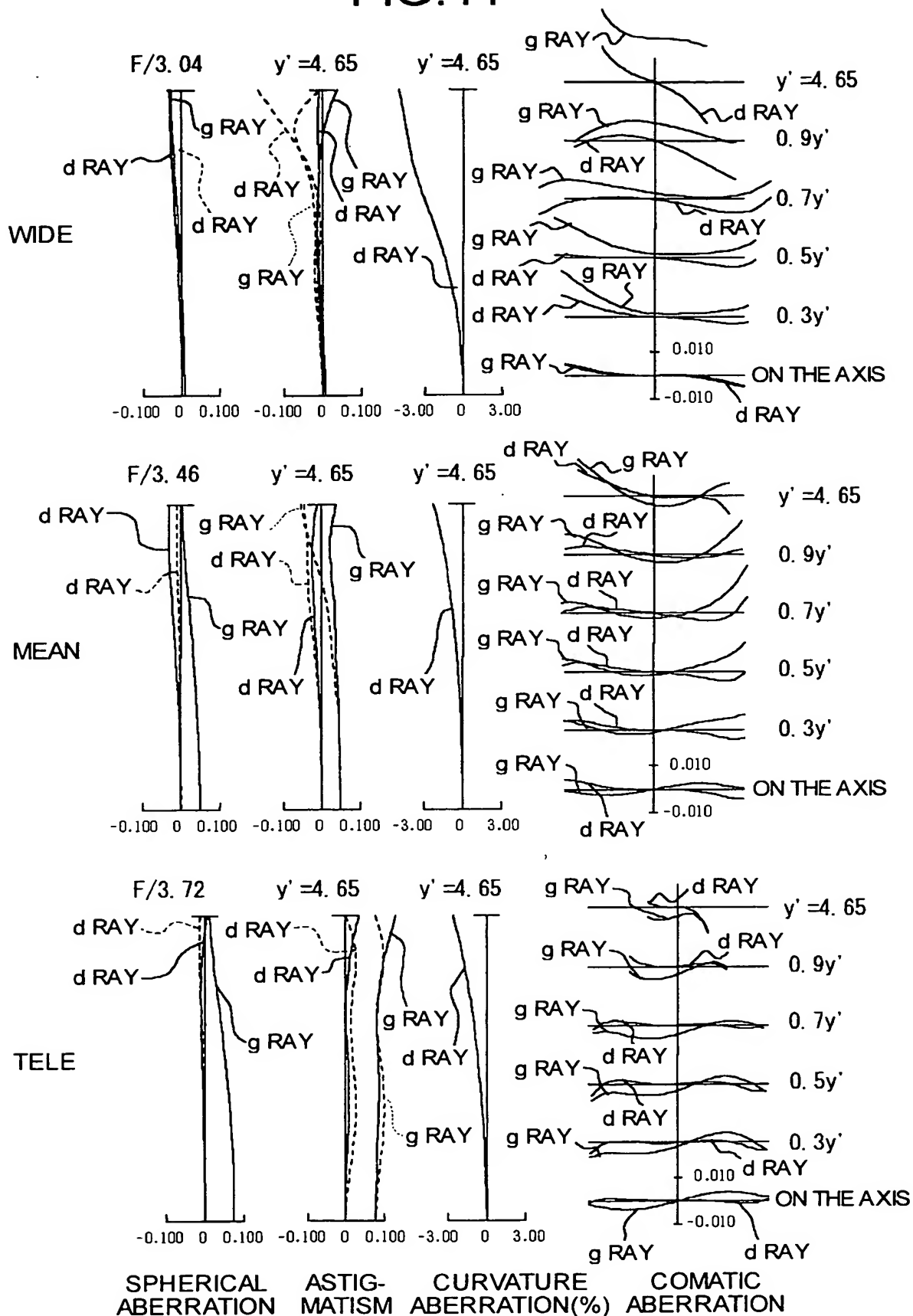
FIG.10



SPHERICAL ABERRATION ASTIG- MATISM CURVATURE ABERRATION(%) COMATIC ABERRATION

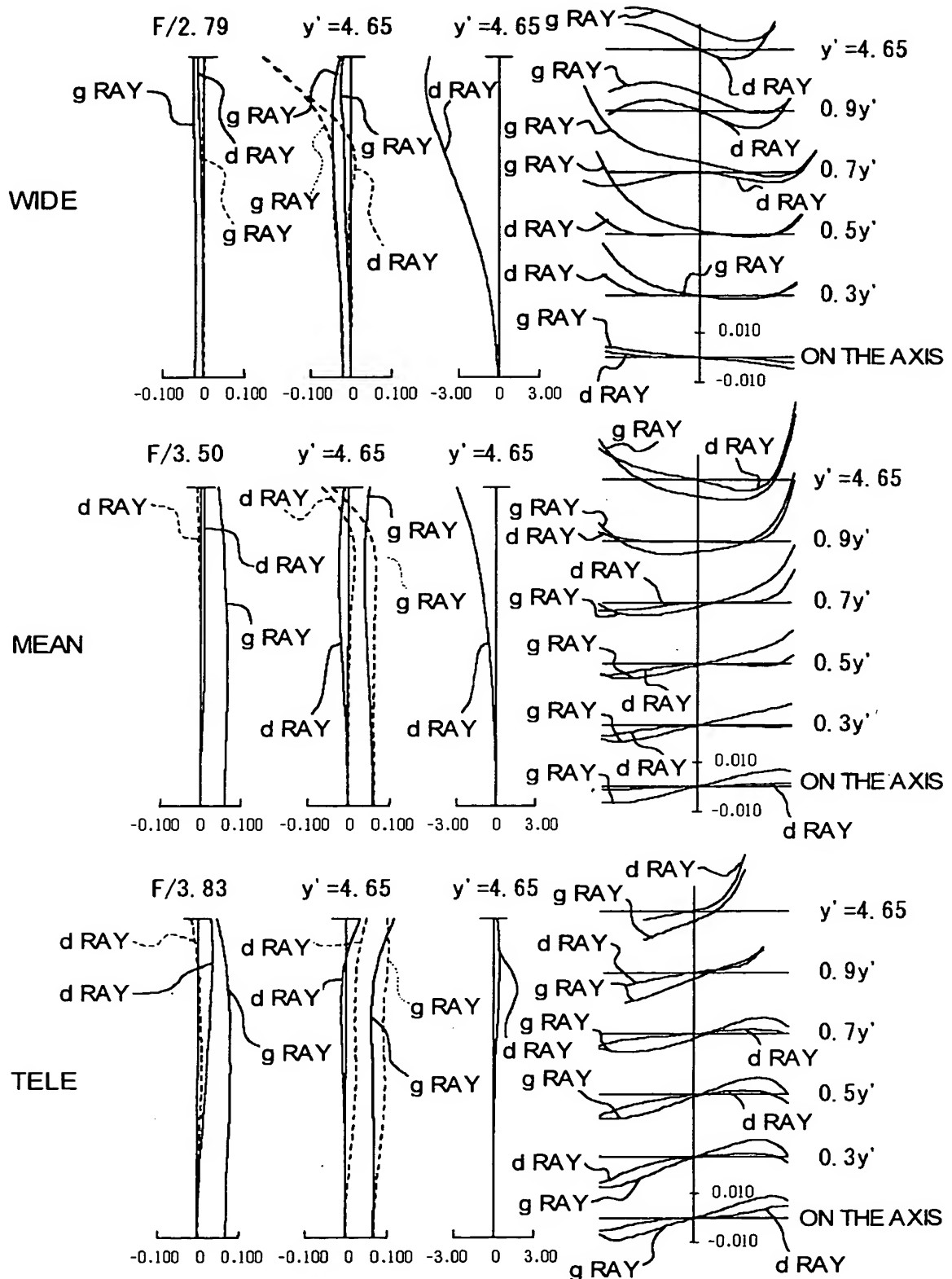
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FIG.11



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FIG.12



SPHERICAL ABERRATION ASTIGMATISM CURVATURE OF FIELD ABERRATION(%) COMATIC ABERRATION

FIG.13

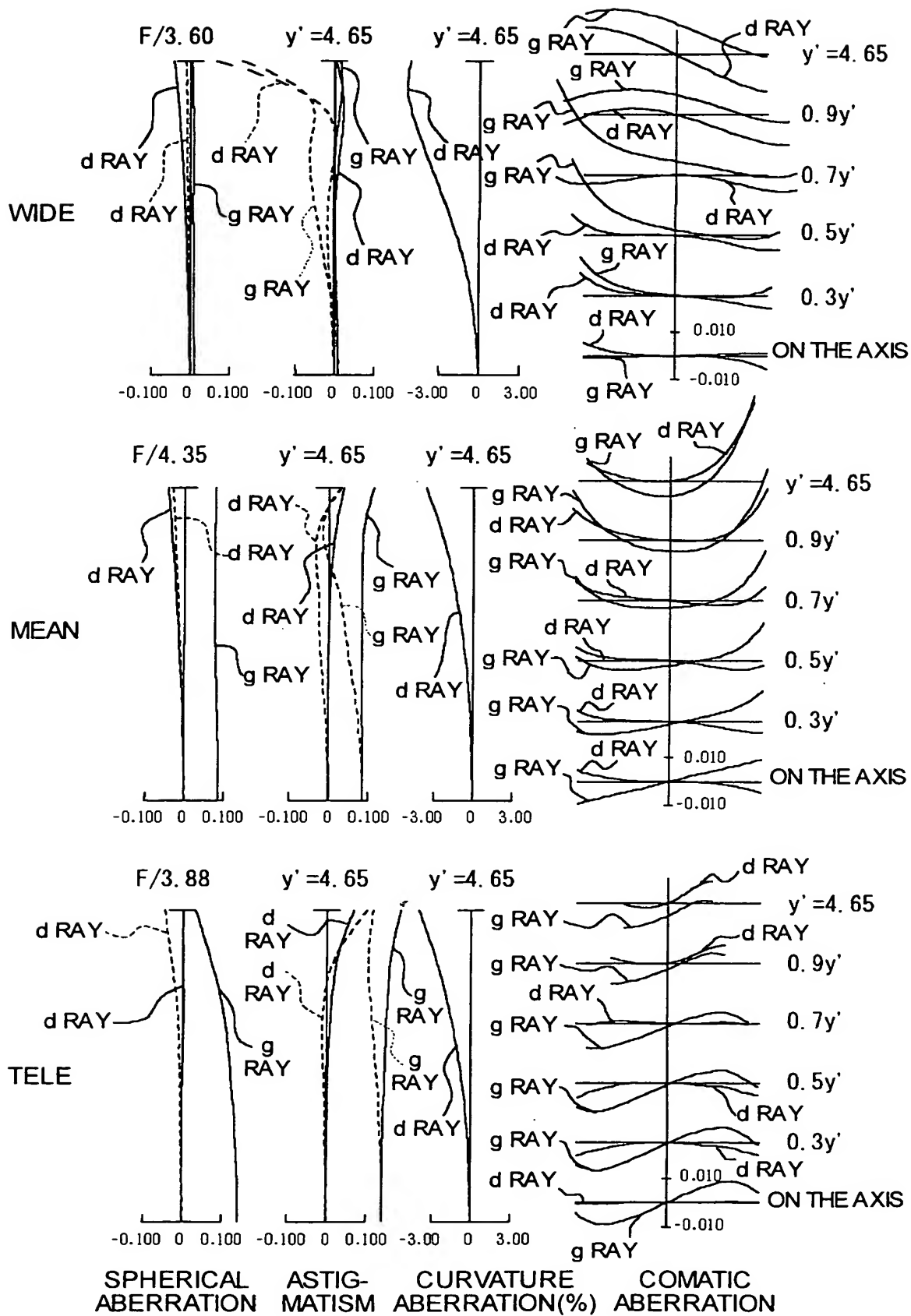


FIG.14

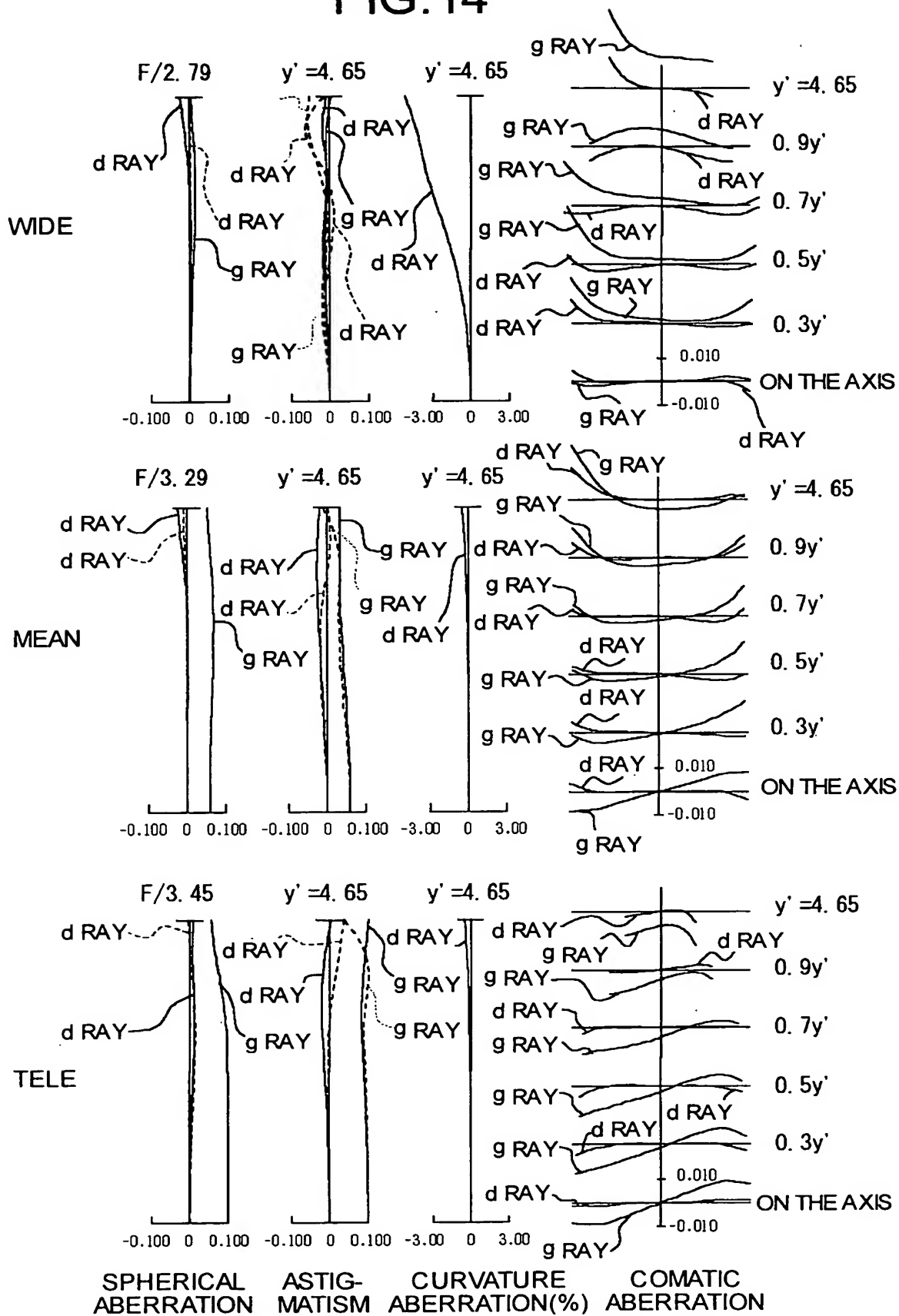


FIG.15

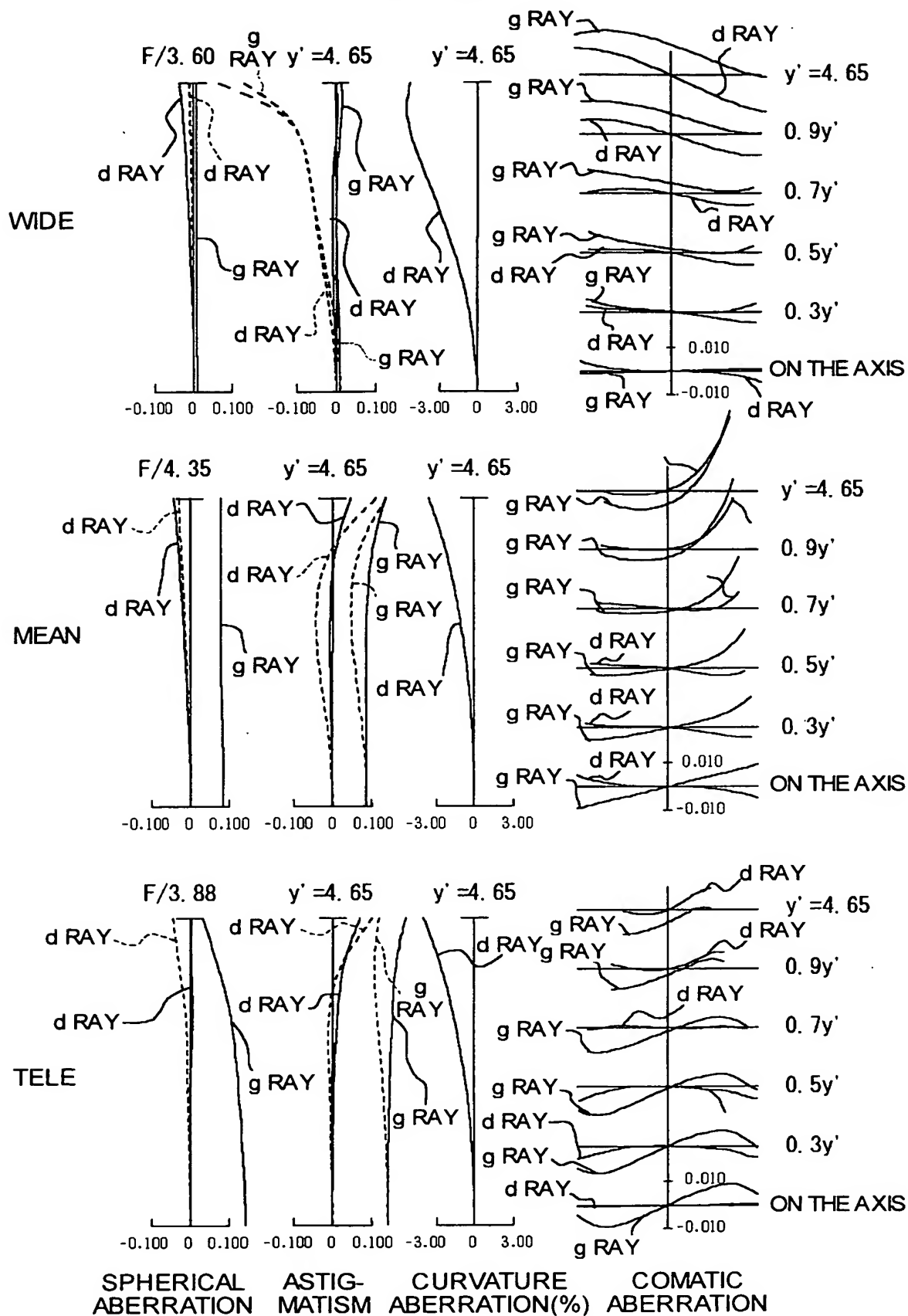


FIG. 16

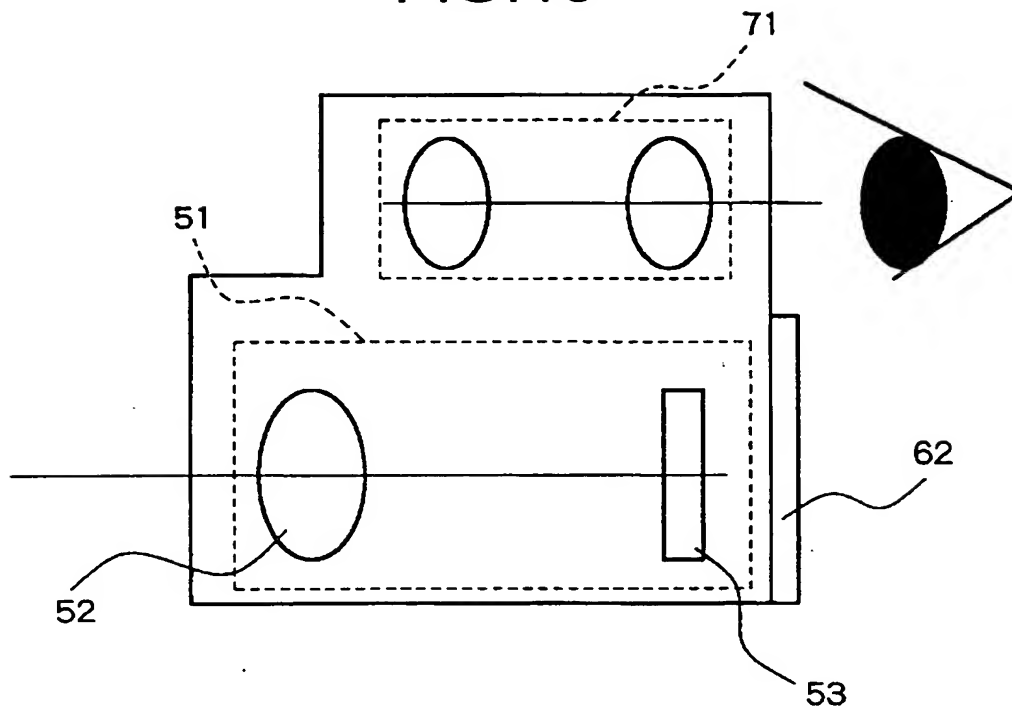


FIG.17

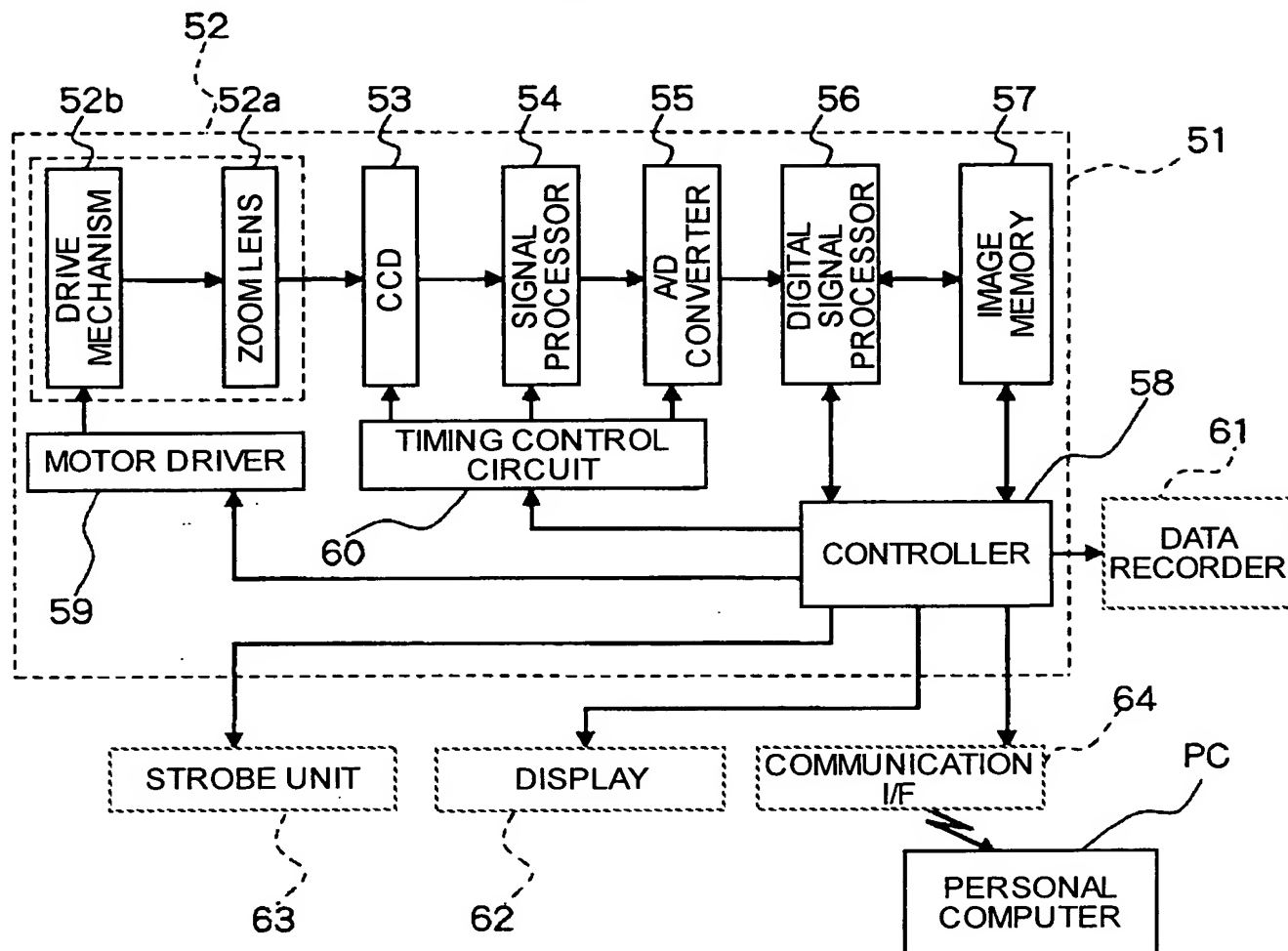


FIG.18

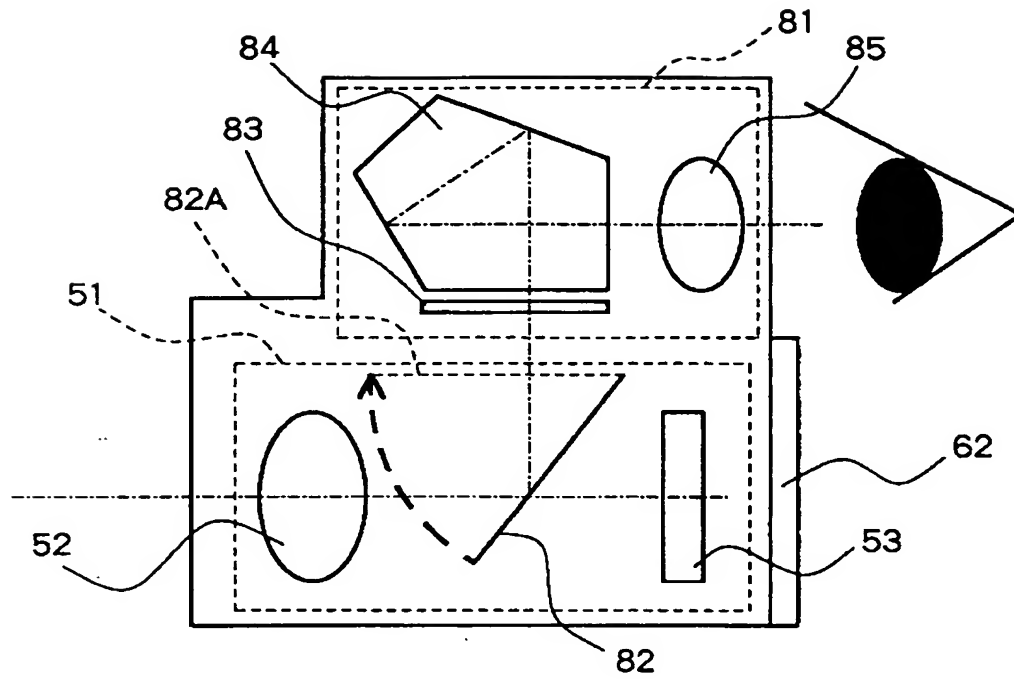


FIG.19

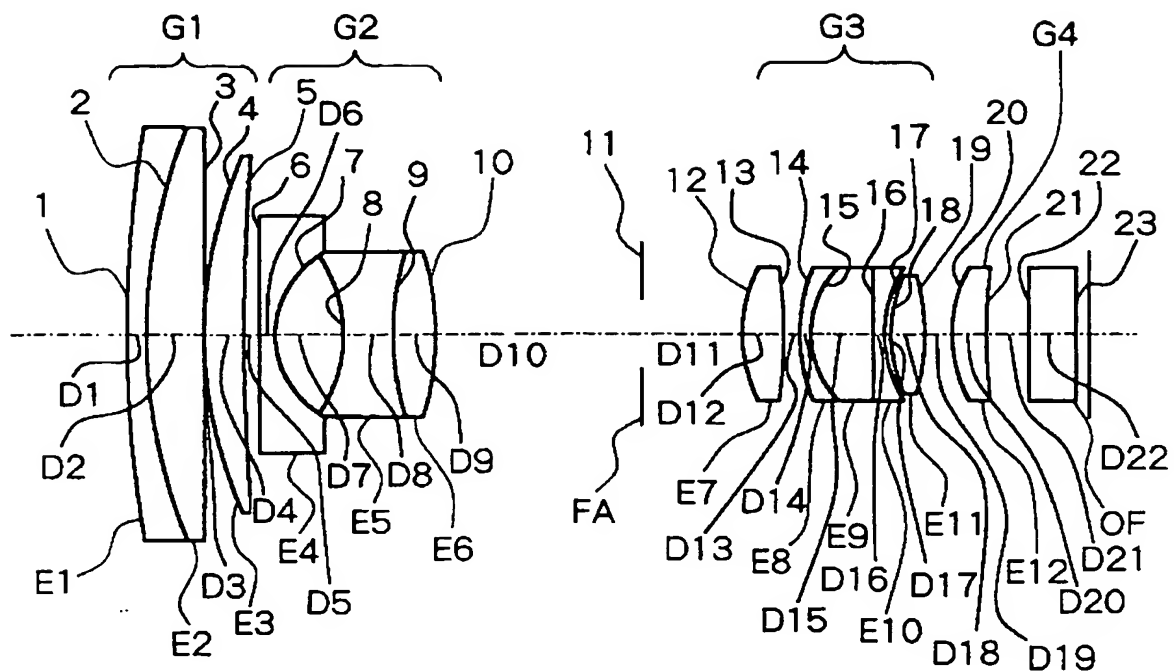


FIG.20

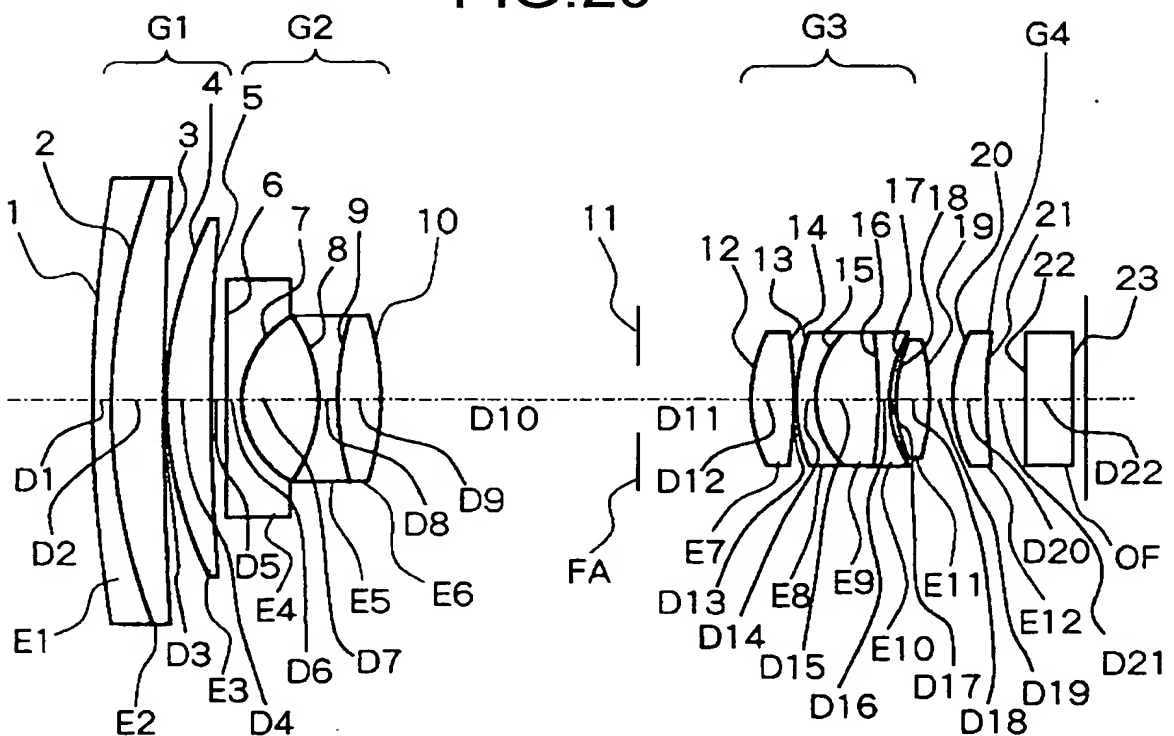


FIG.21

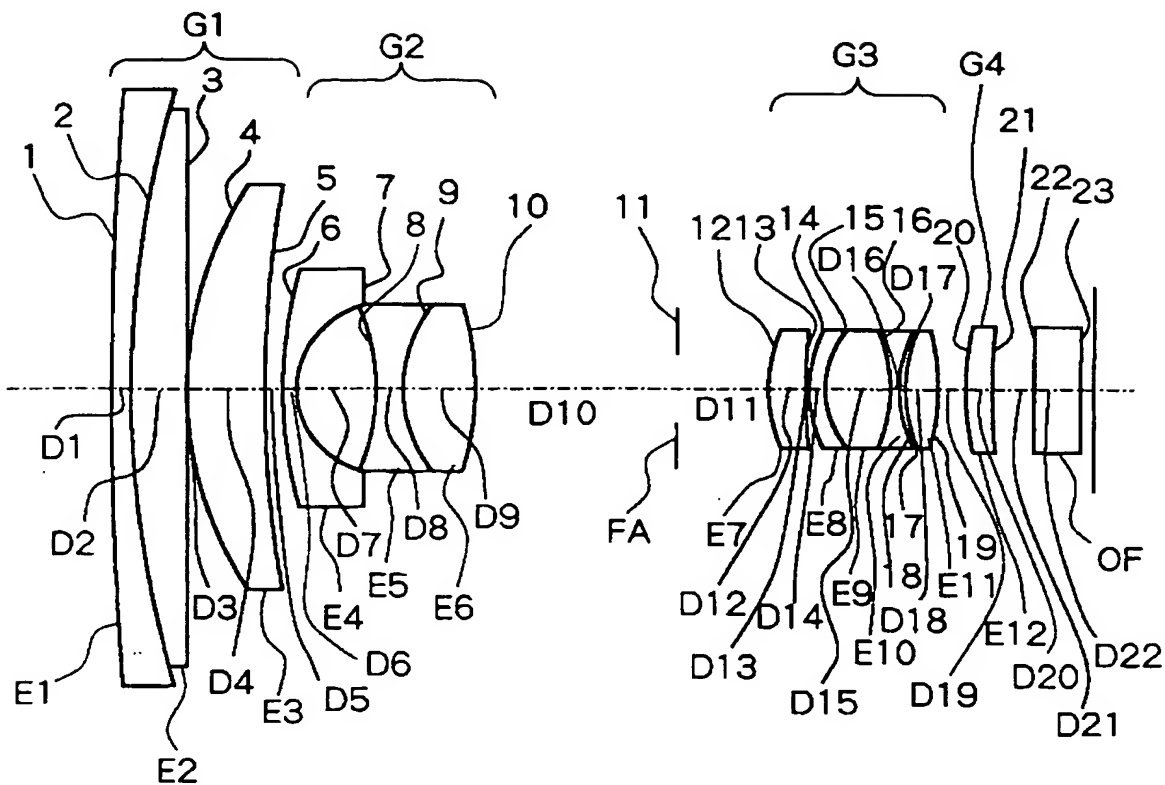


FIG.22

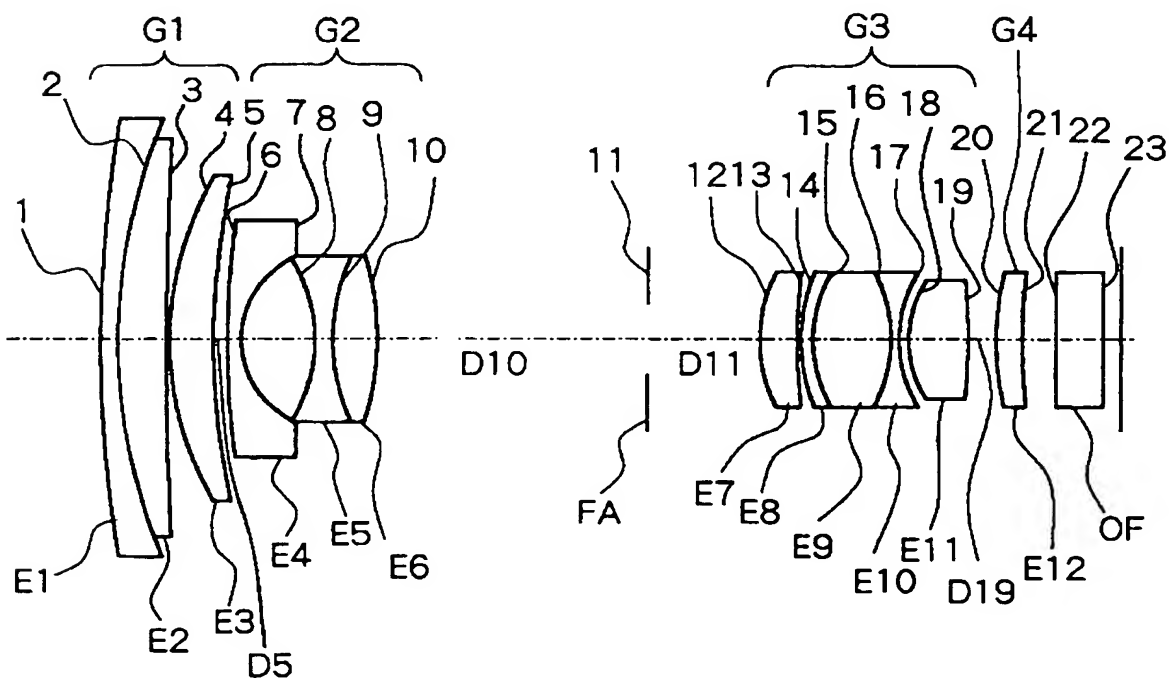


FIG.23

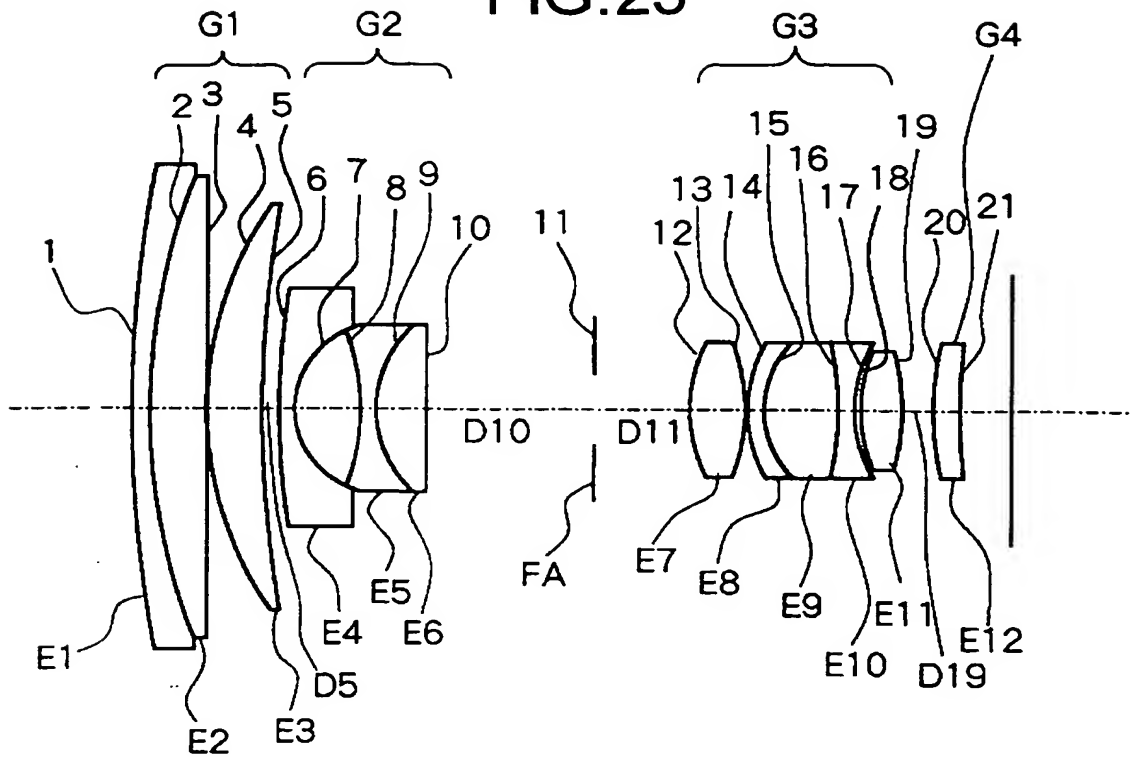
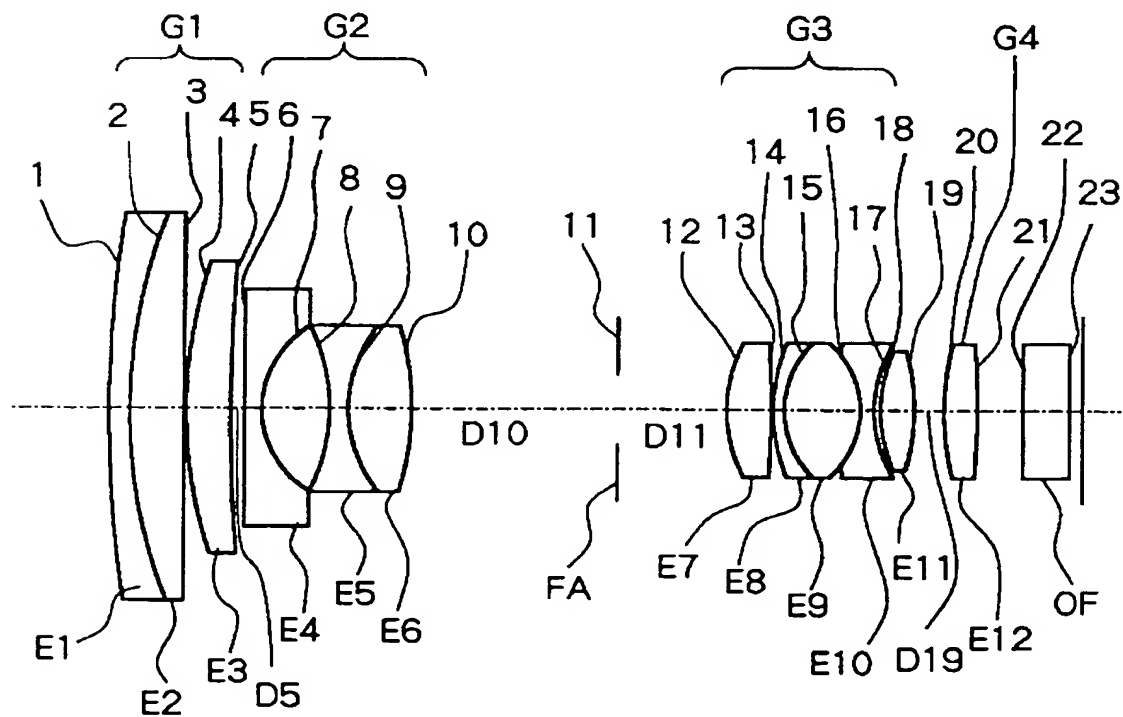


FIG.24



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FIG.25

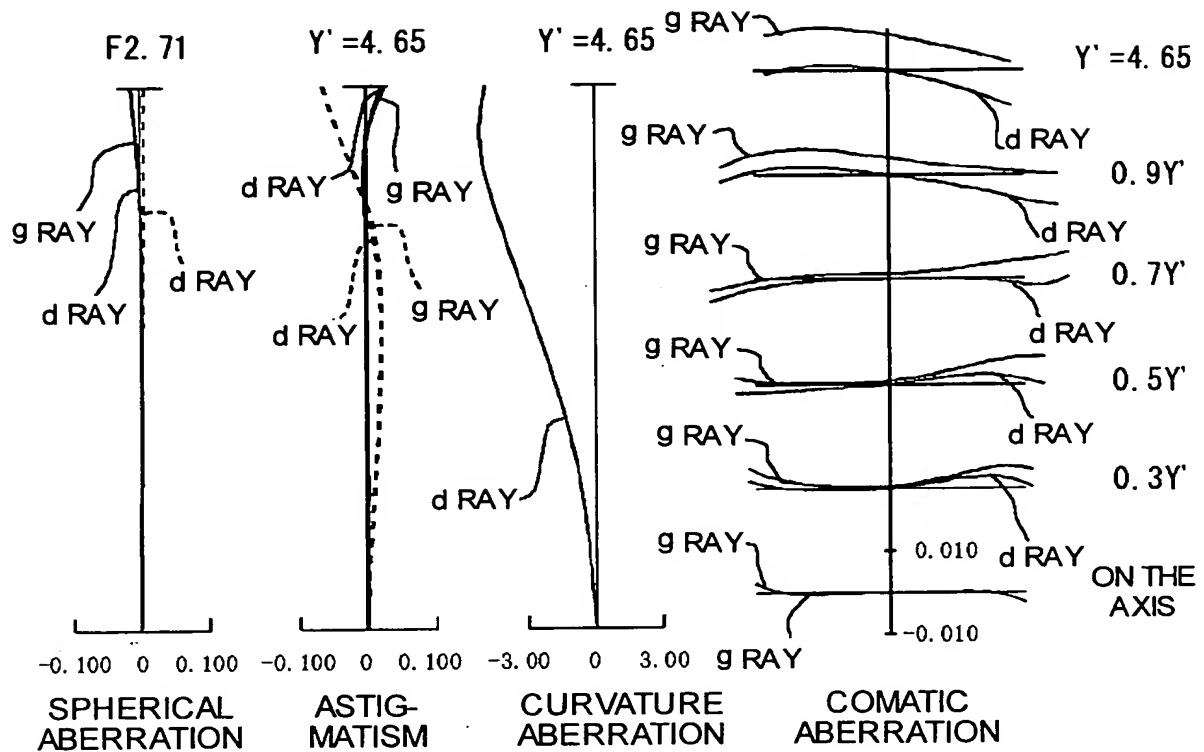


FIG.26

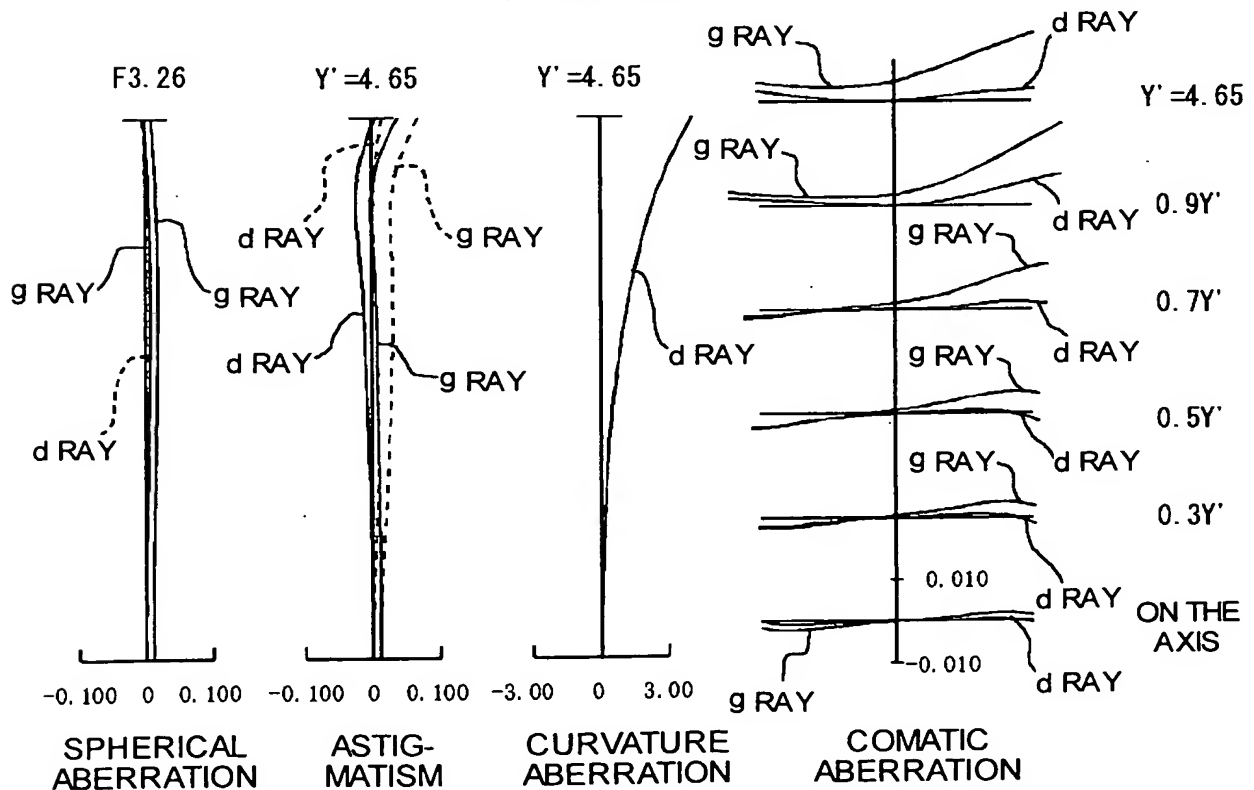


FIG.27

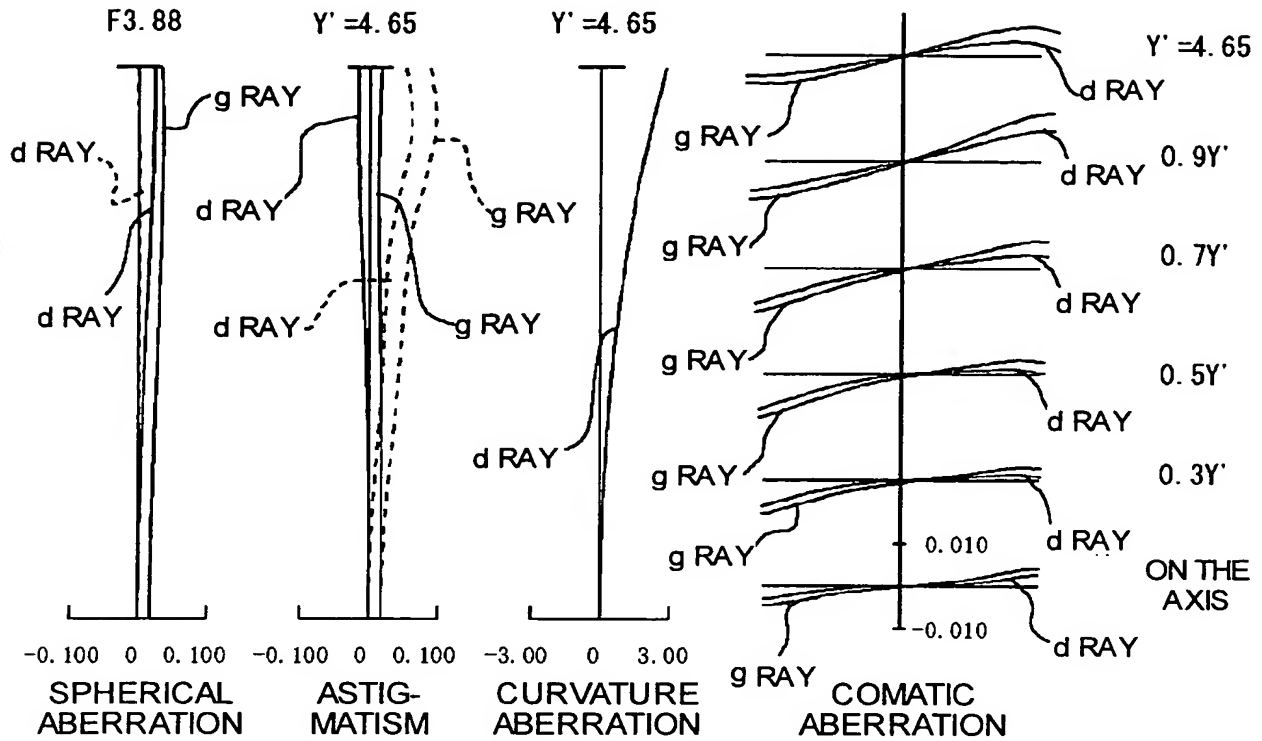


FIG.28

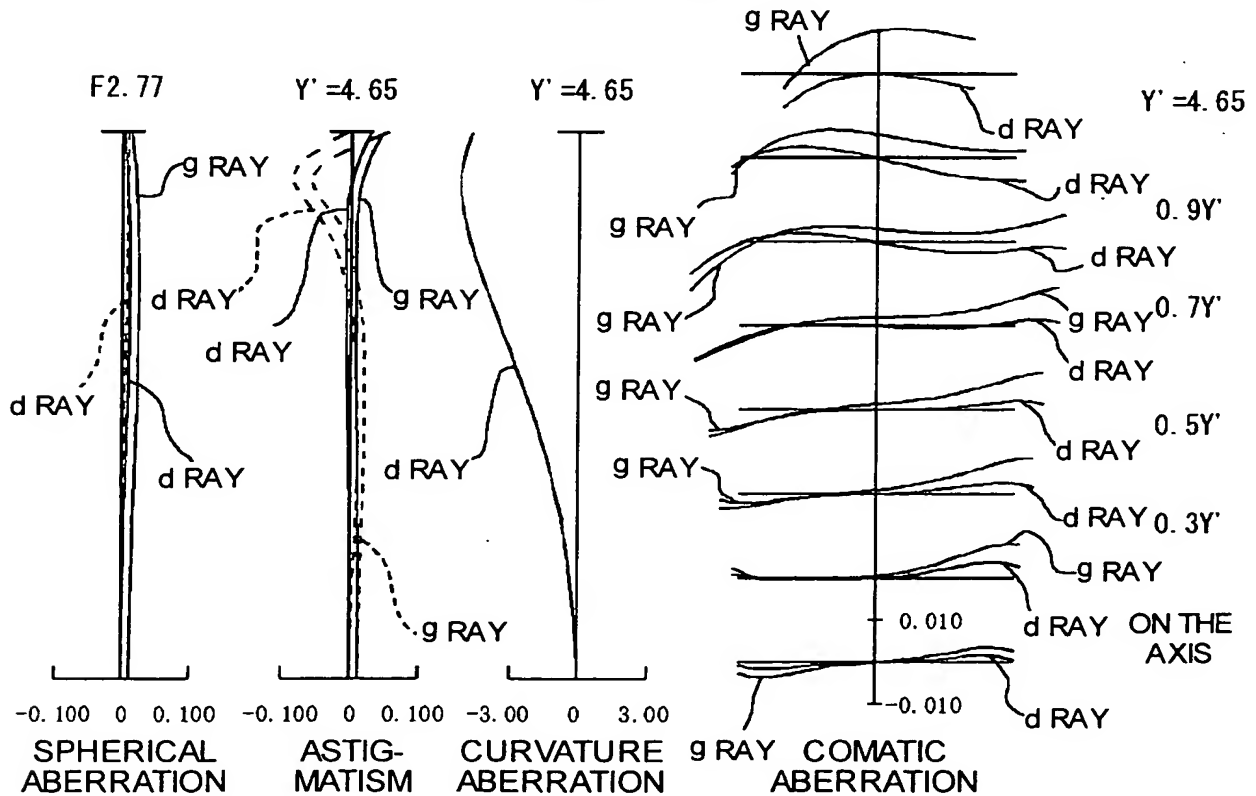


FIG.29

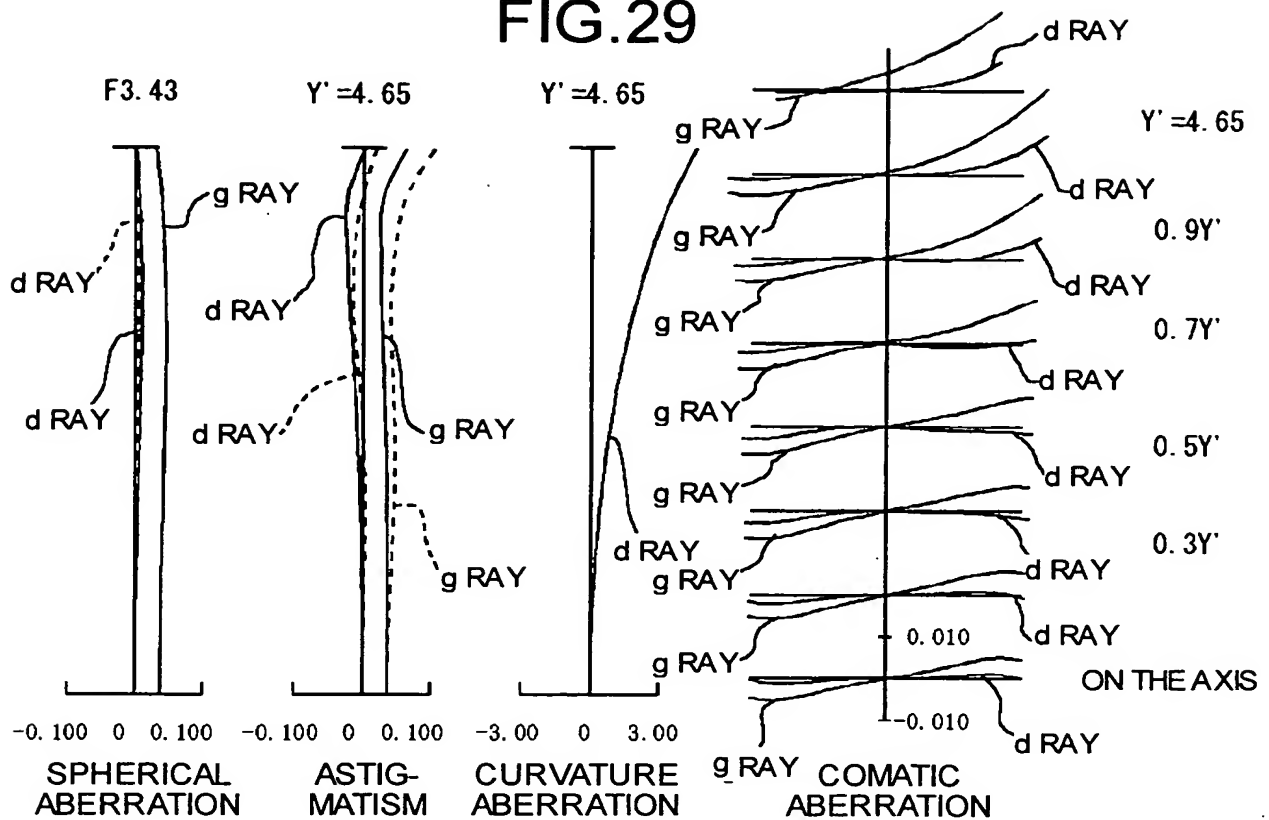
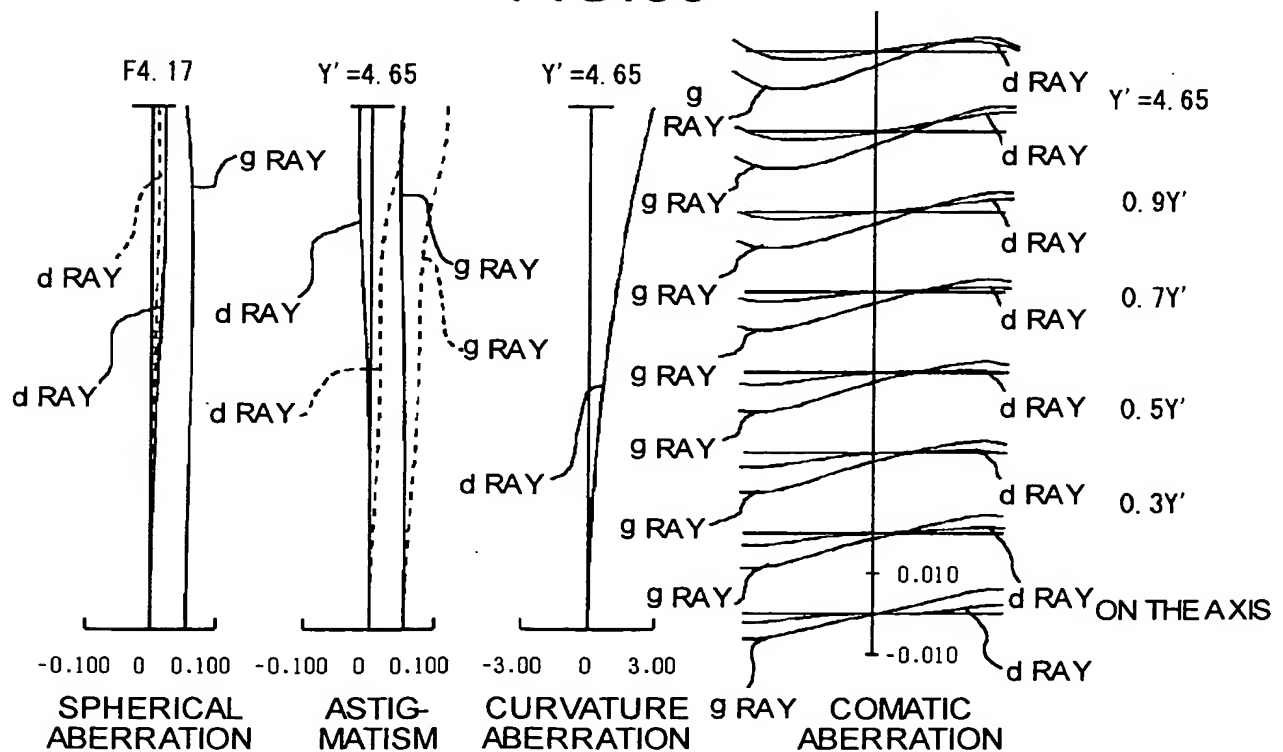


FIG.30



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FIG.31

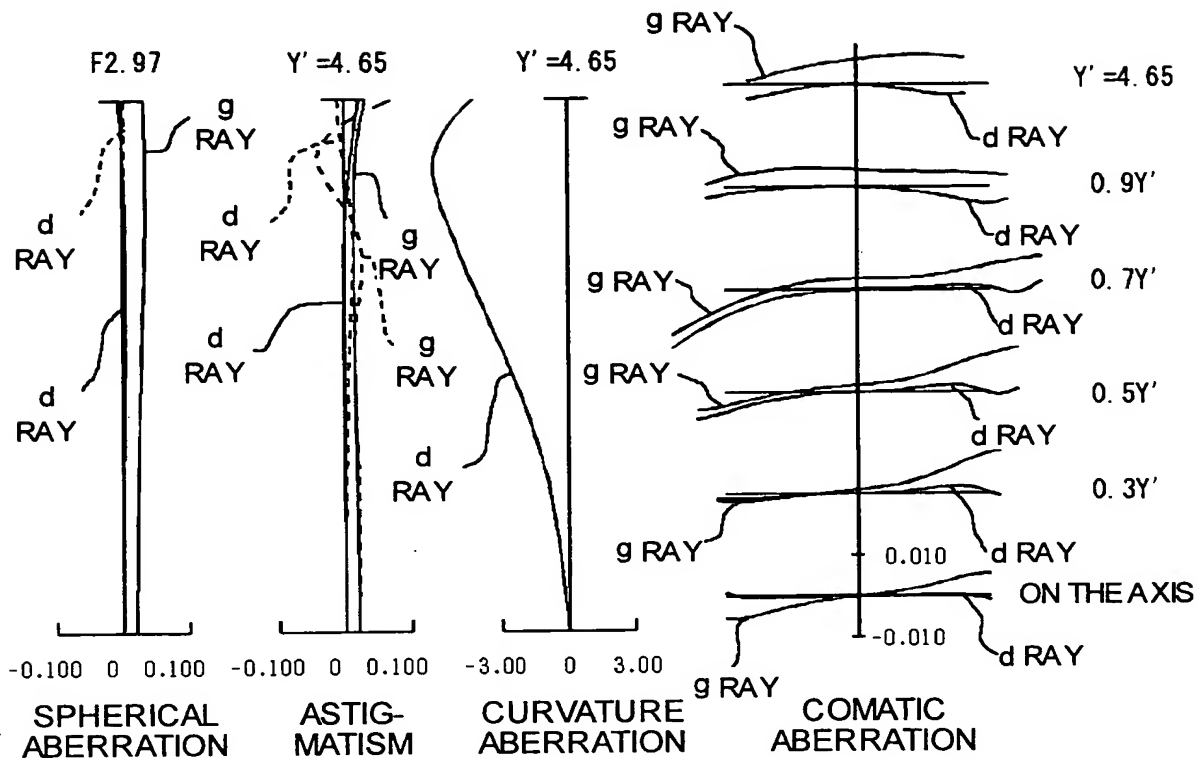
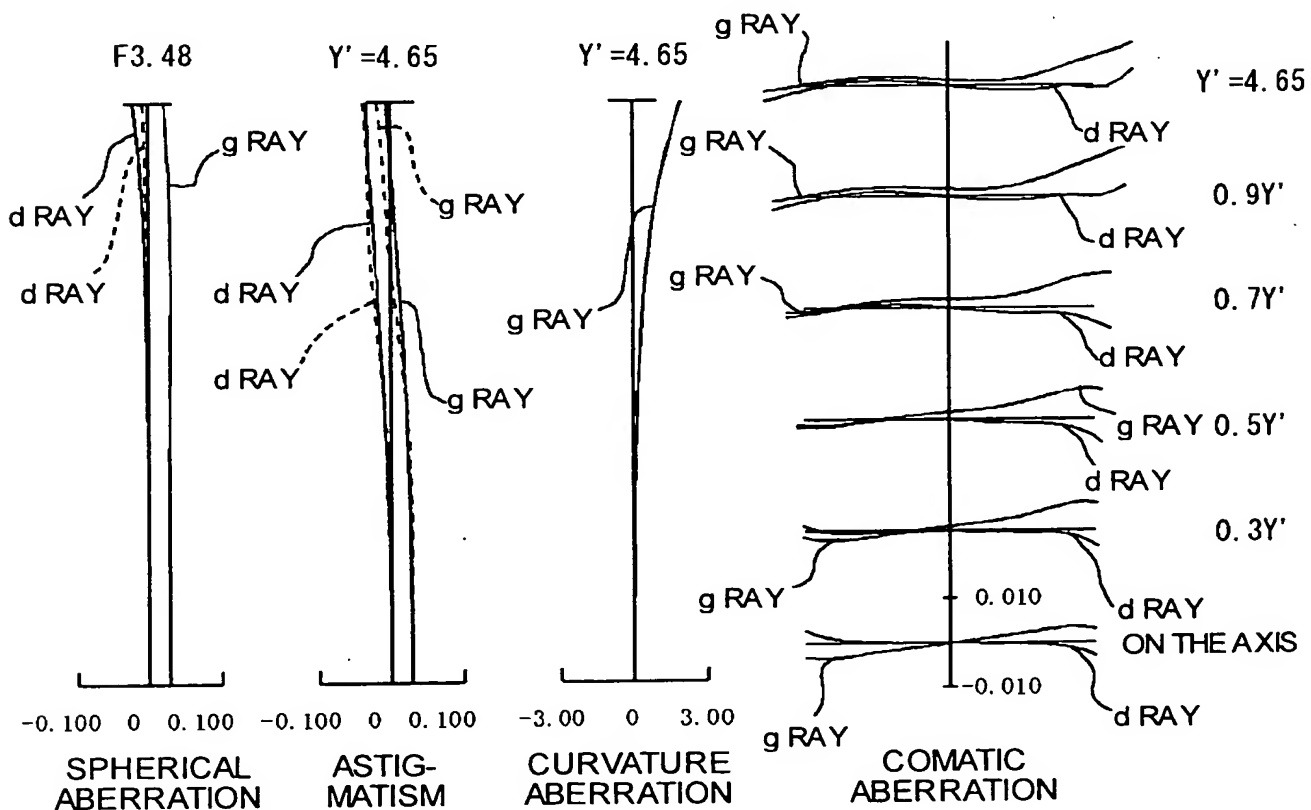


FIG.32



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FIG.33

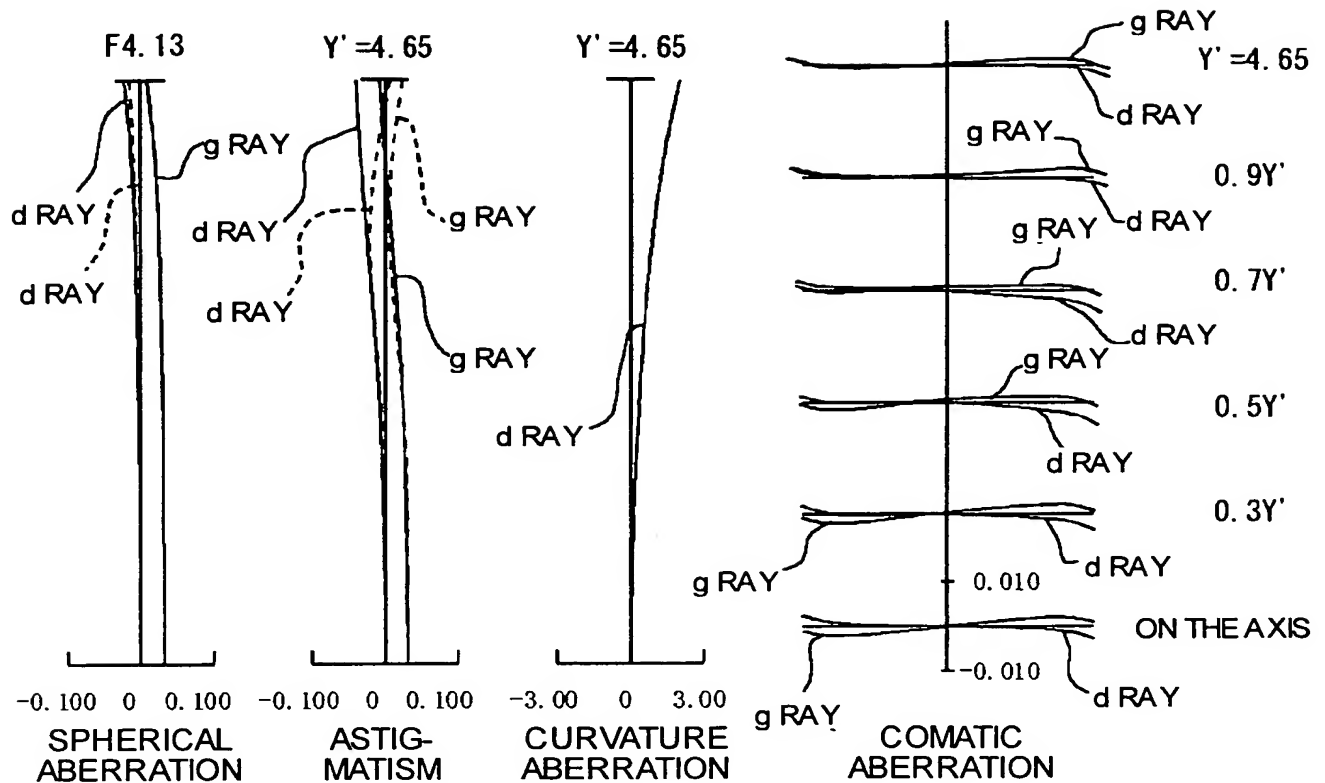
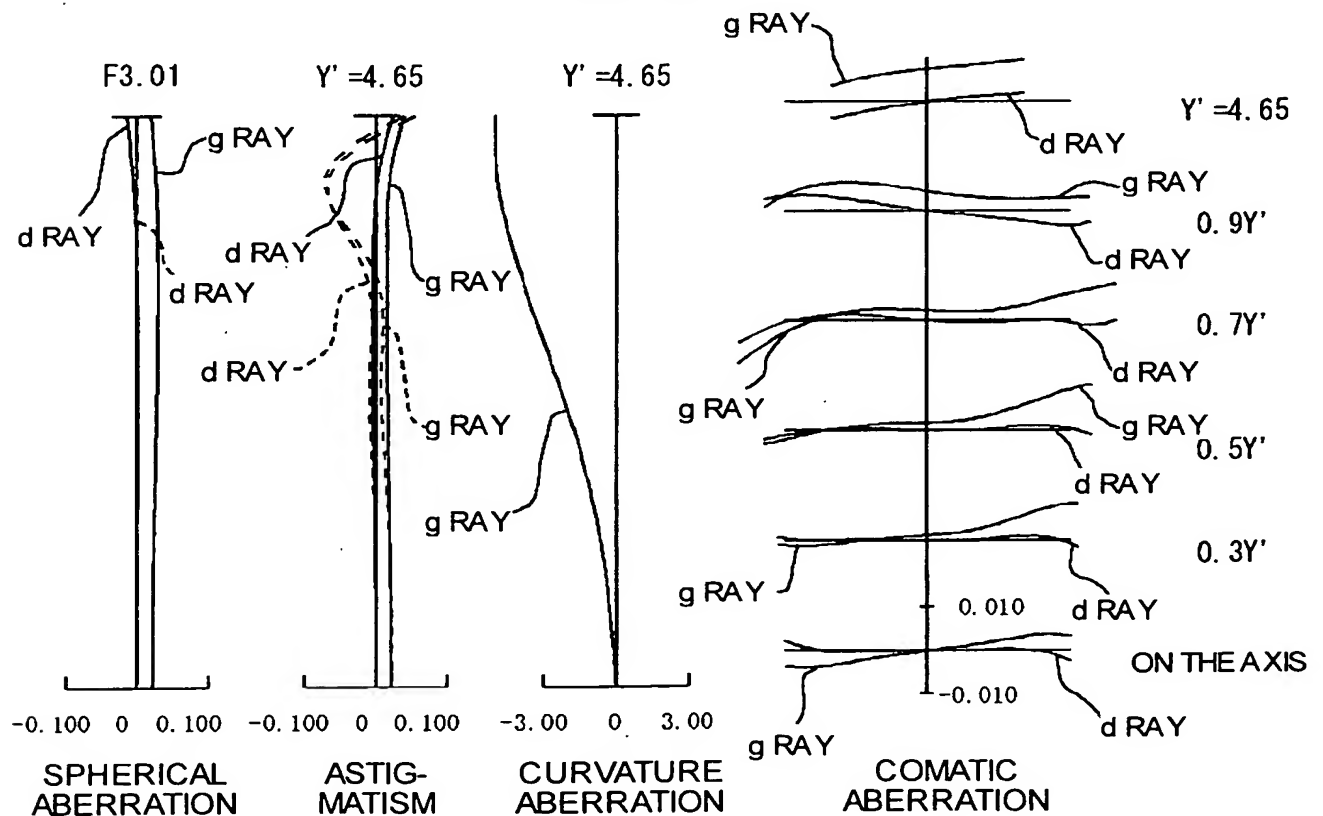


FIG.34



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FIG.37

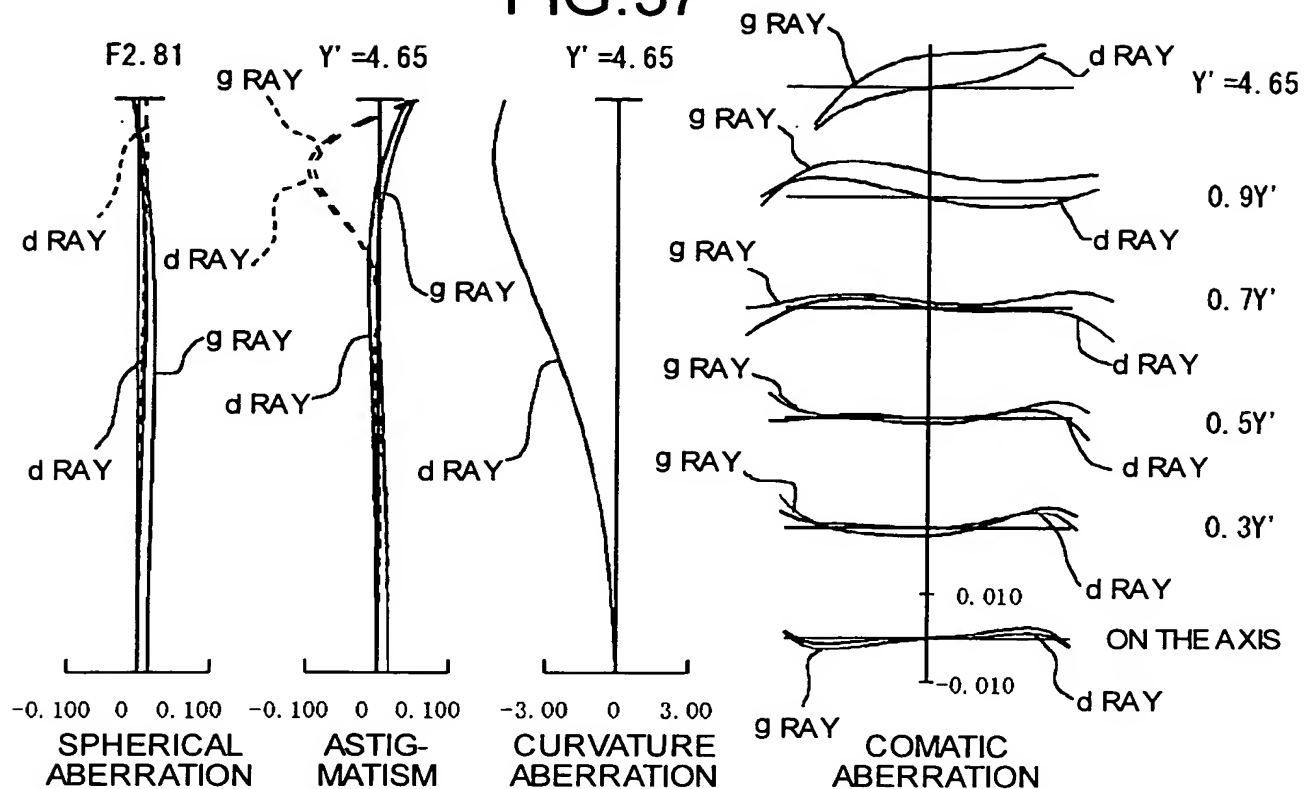
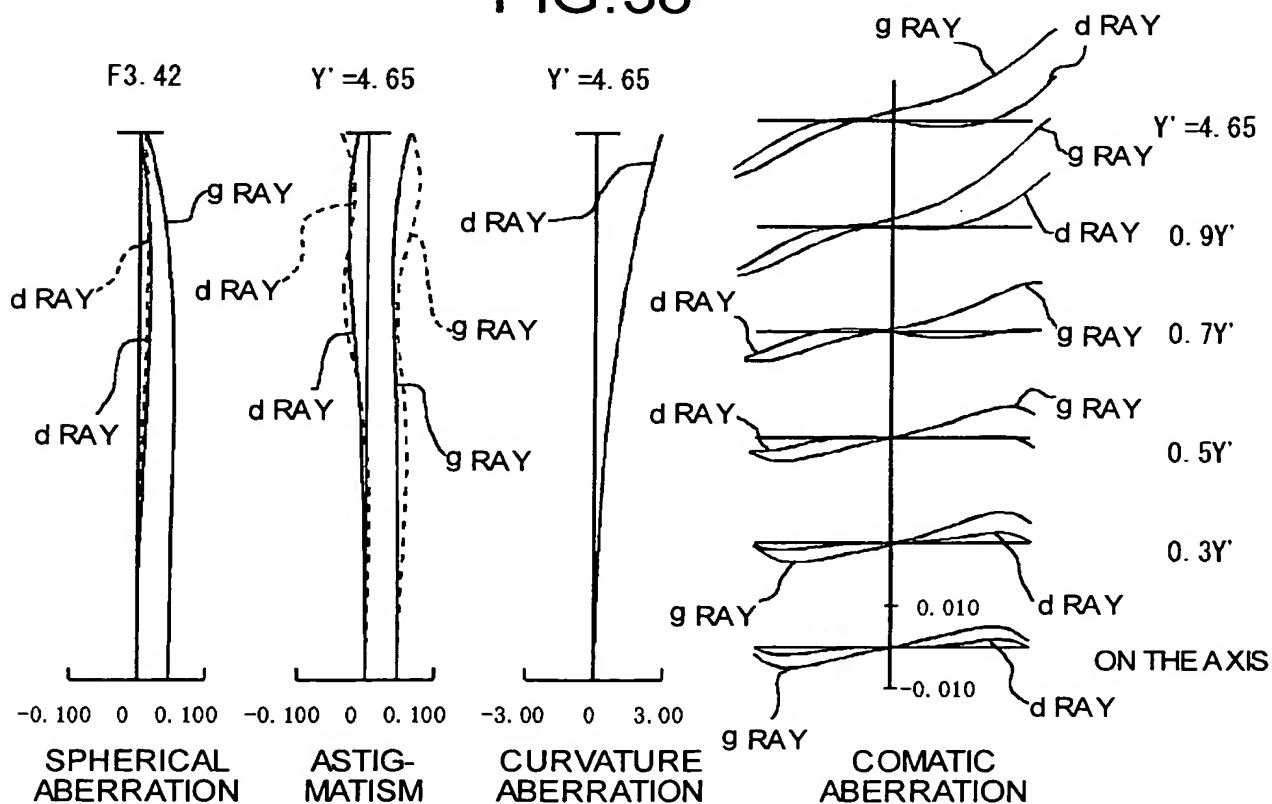


FIG.38



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FIG.39

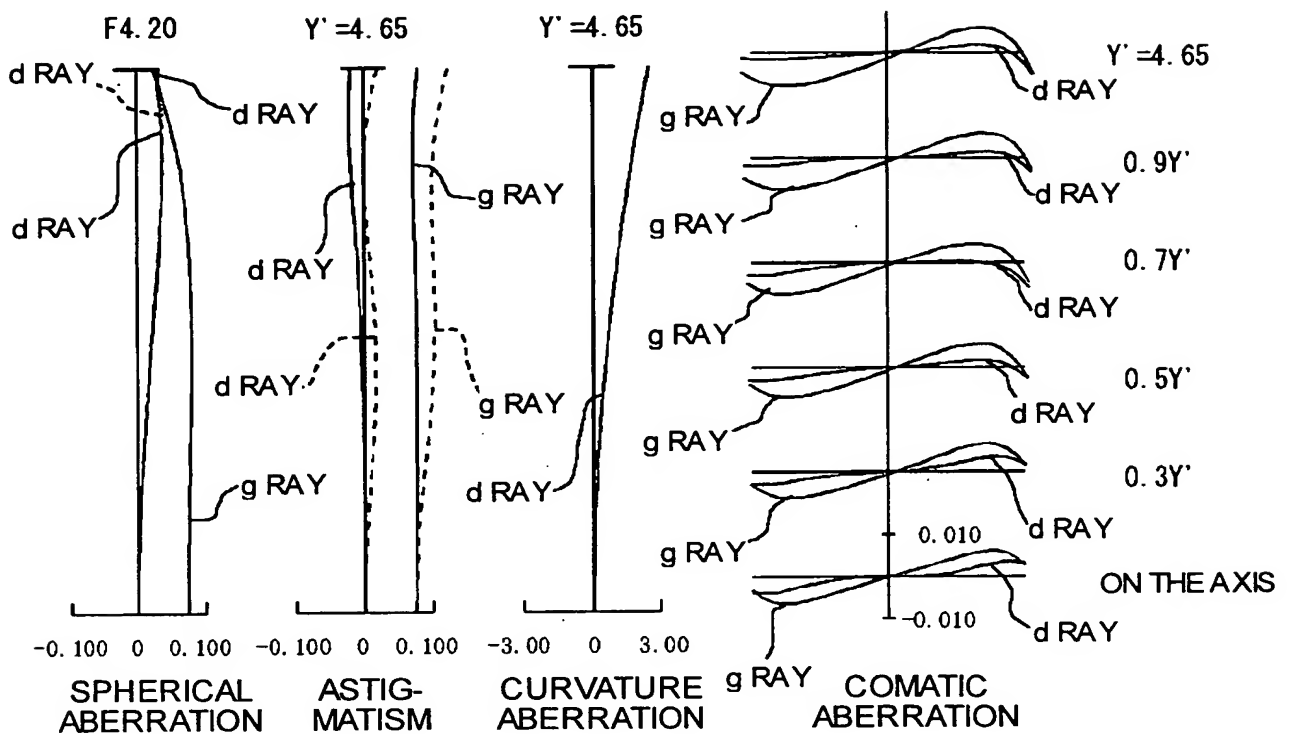
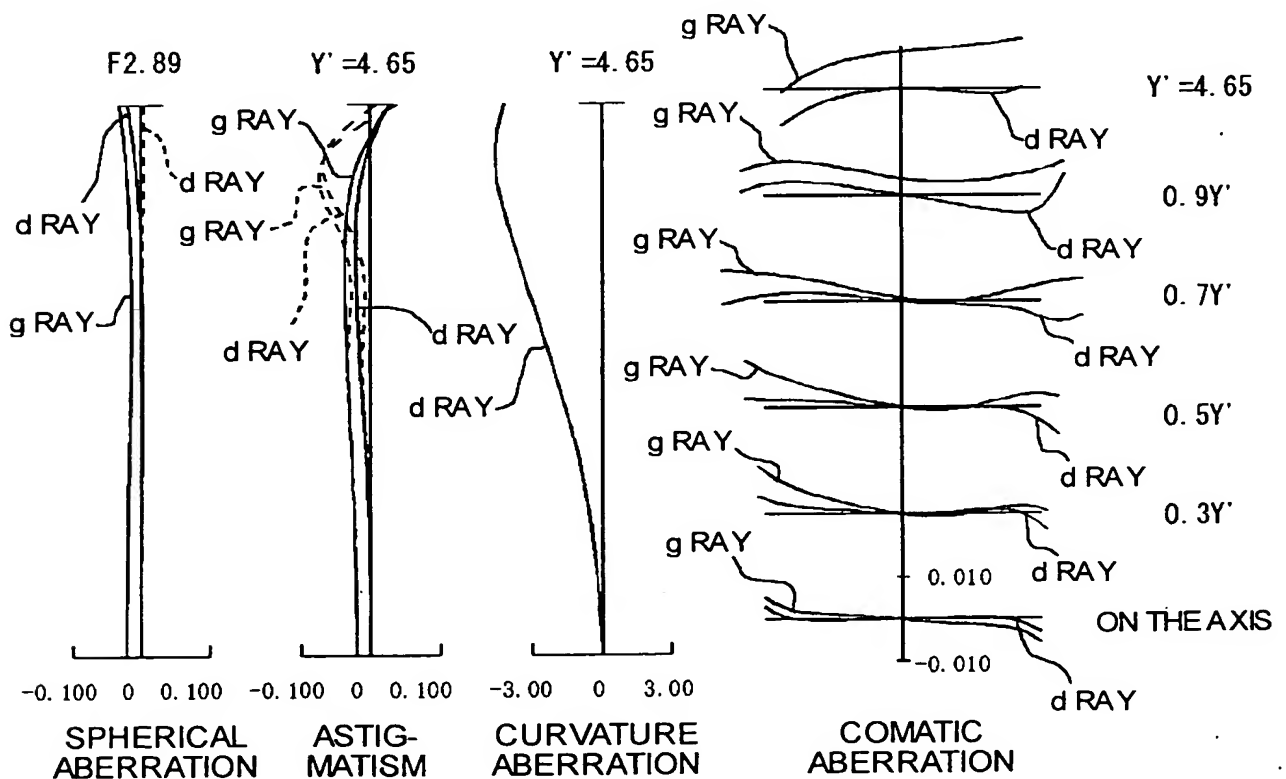


FIG.40



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FIG.41

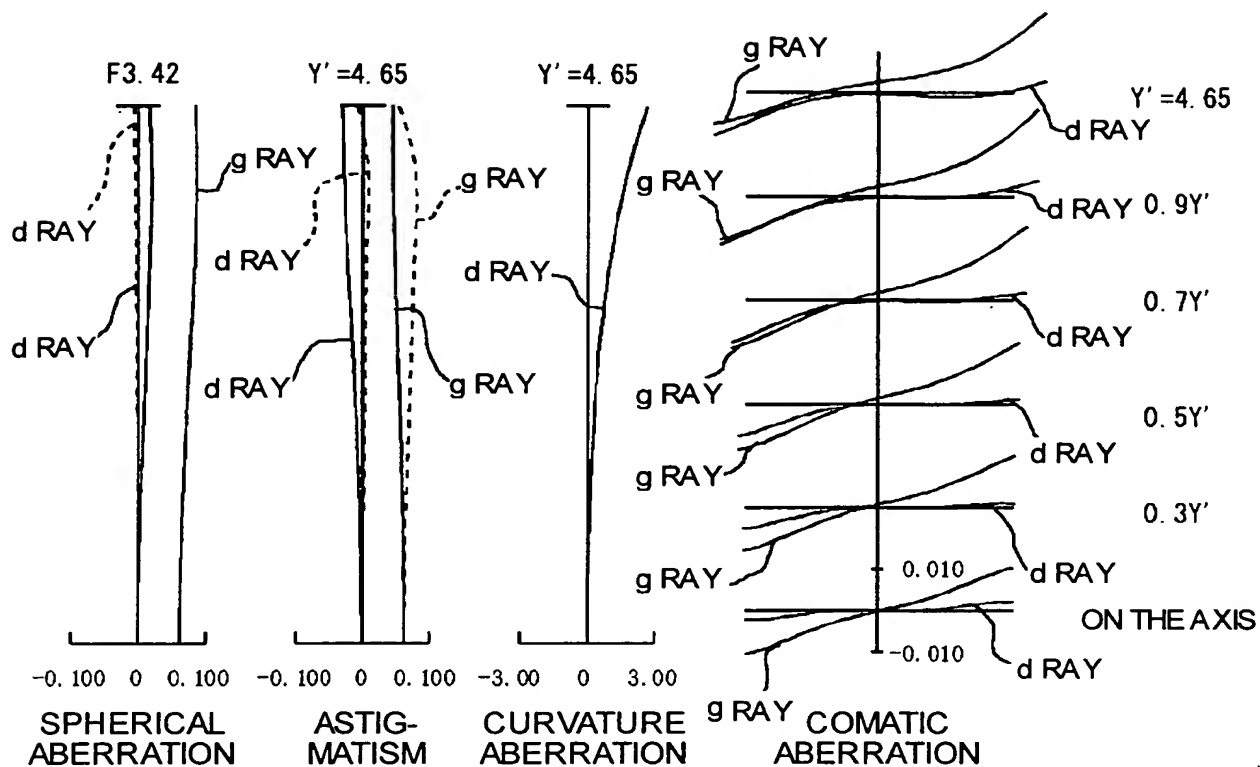
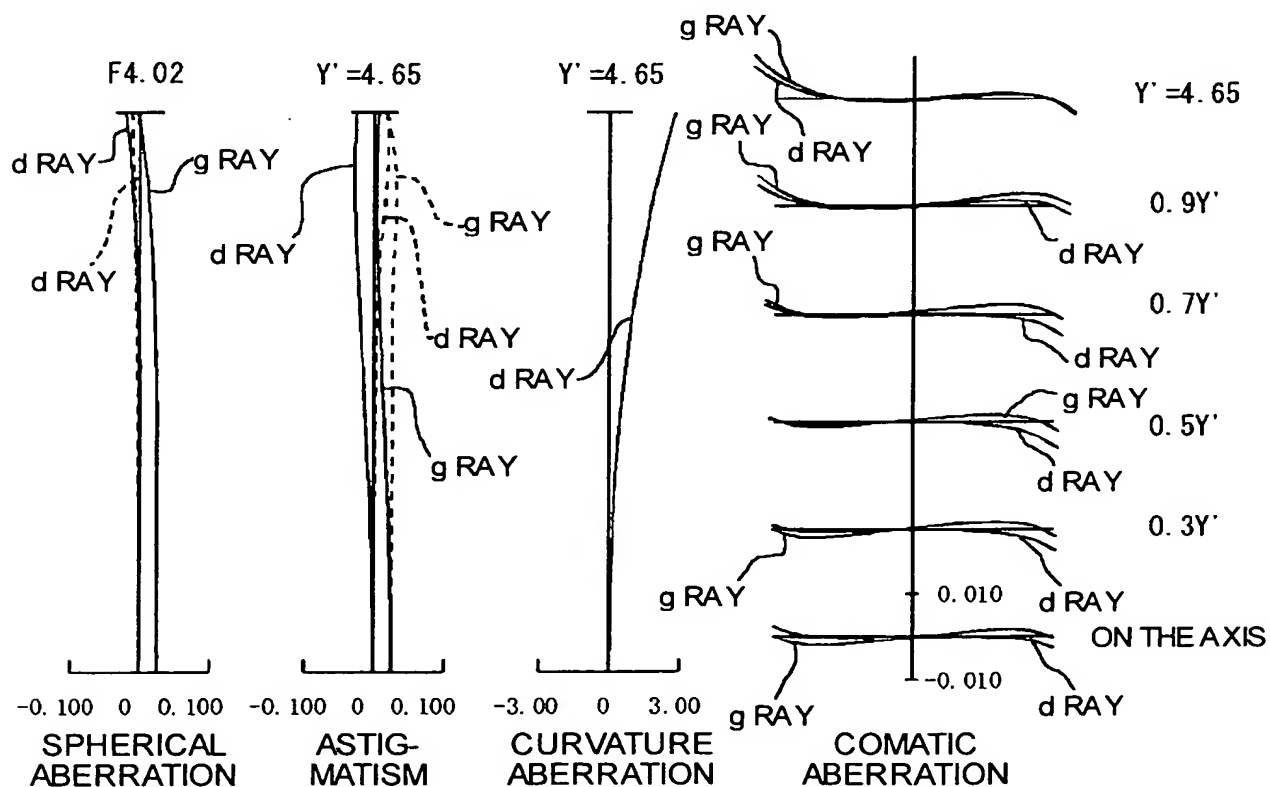


FIG.42



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FIG.43

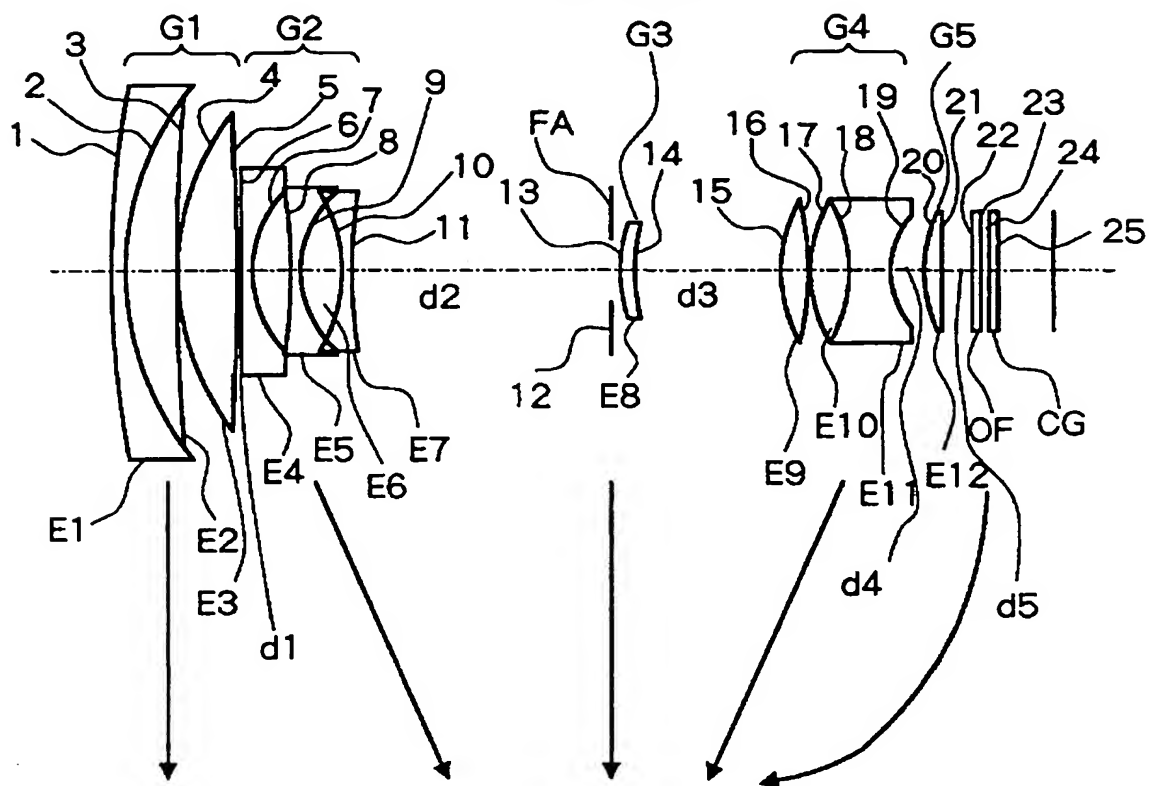
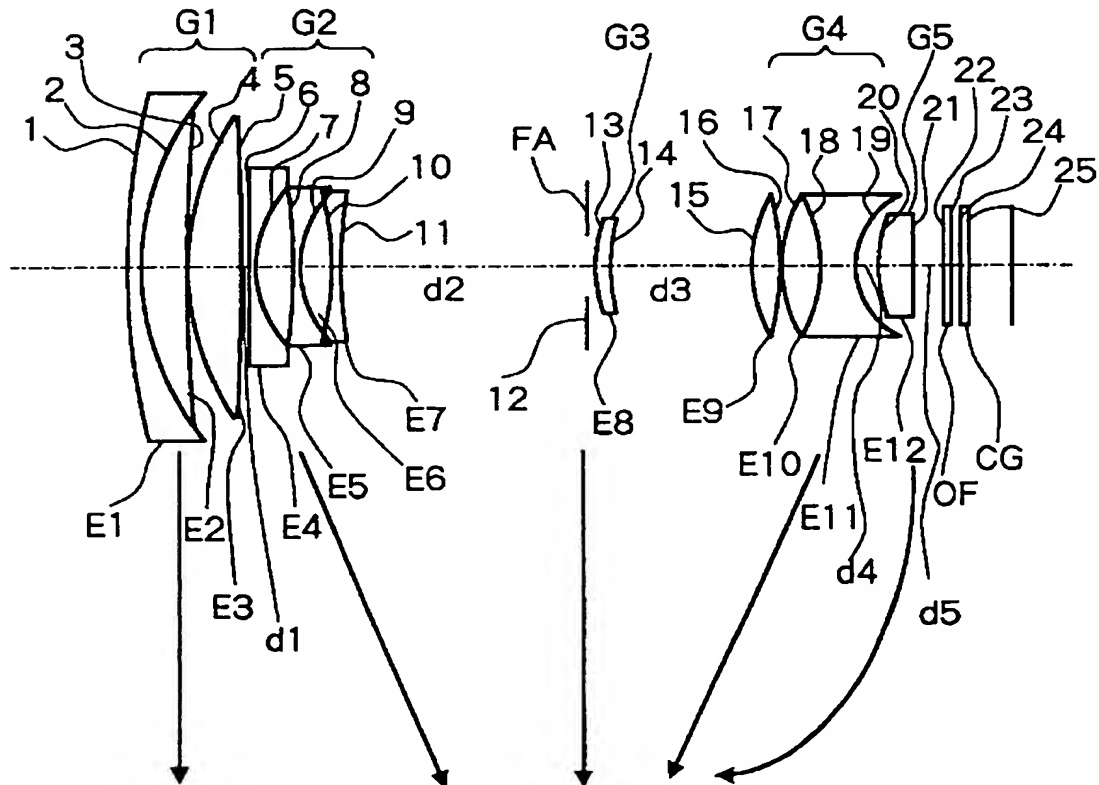


FIG.44



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FIG.45

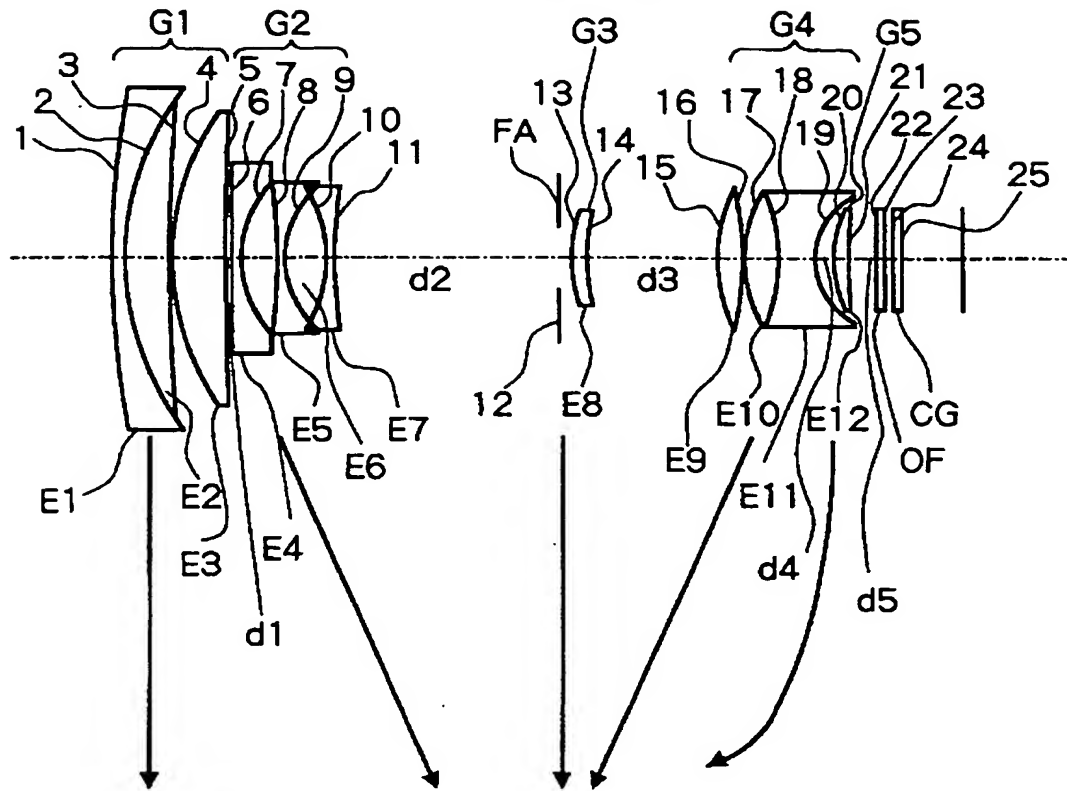


FIG.46

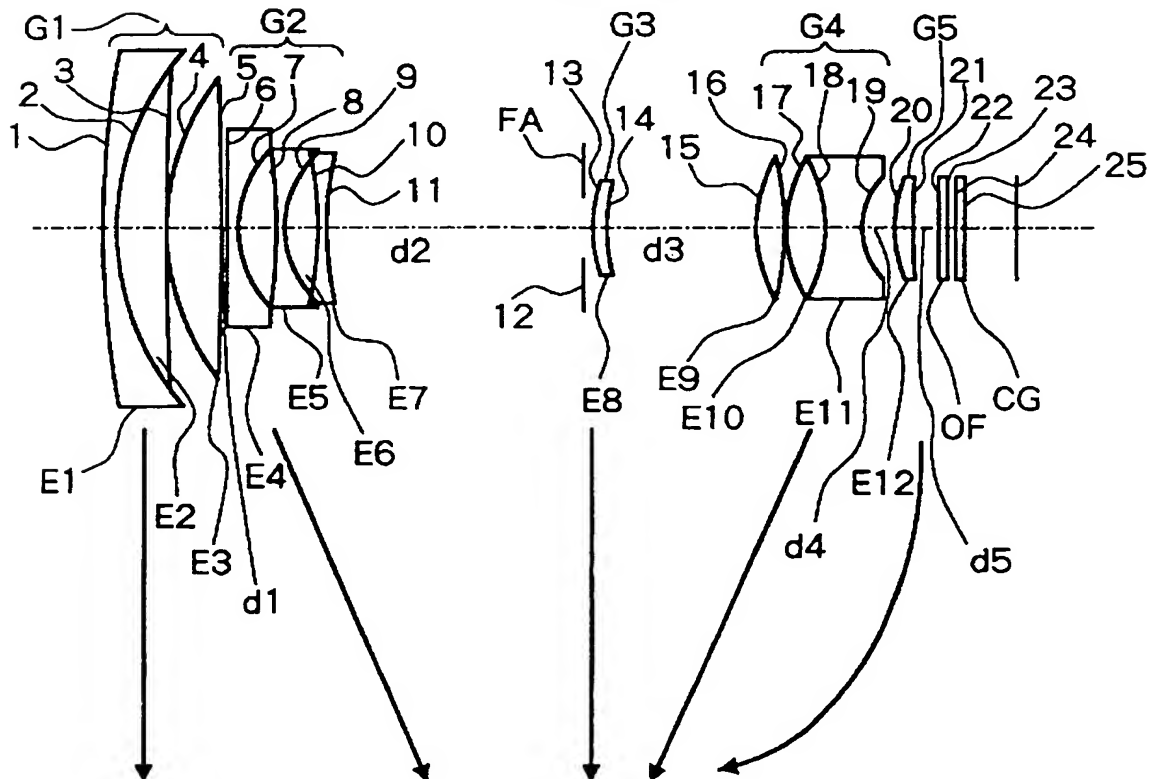


FIG.47

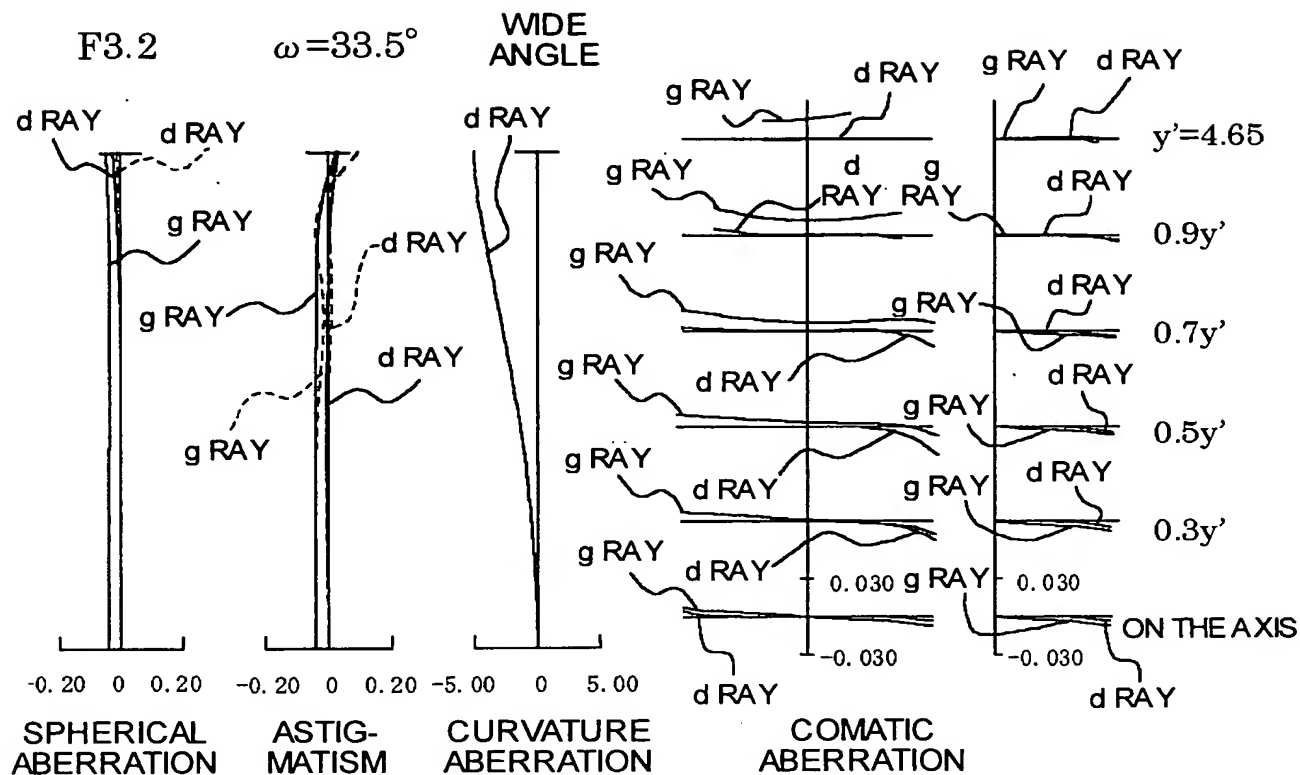
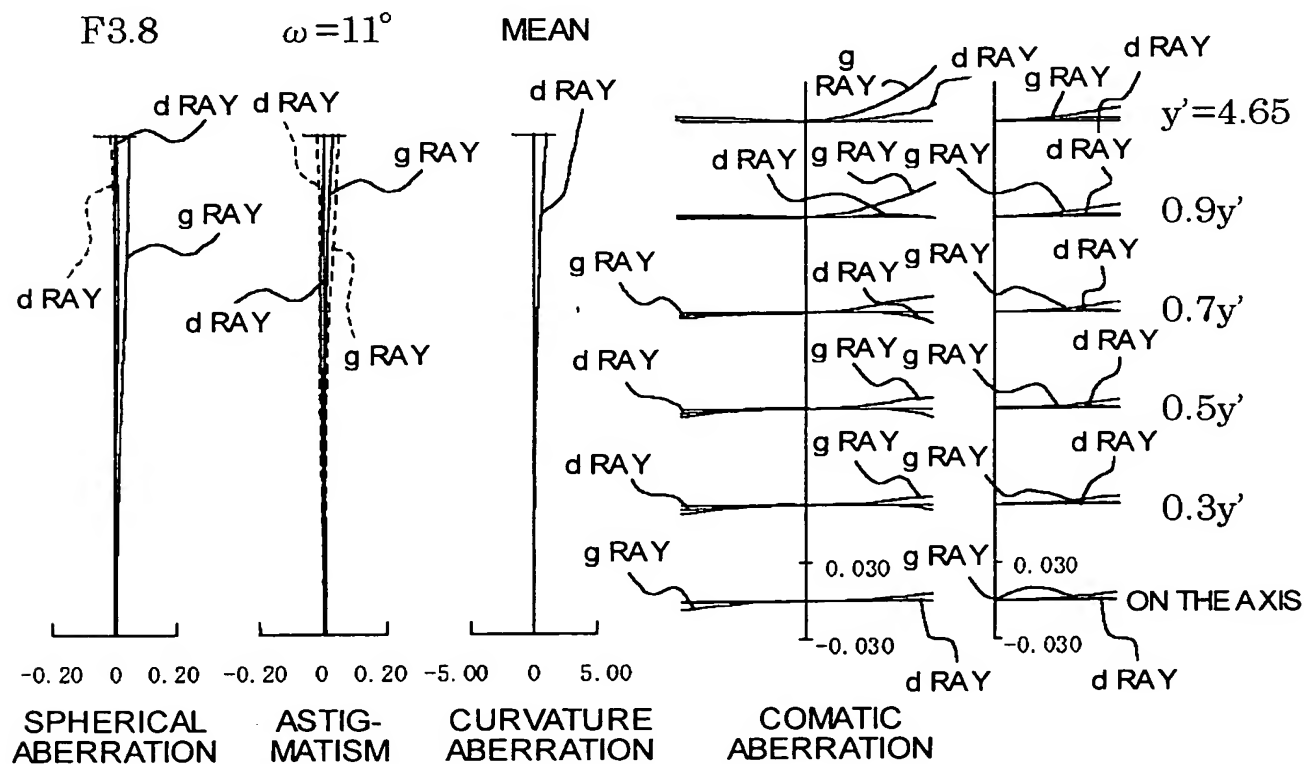


FIG.48



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FIG.49

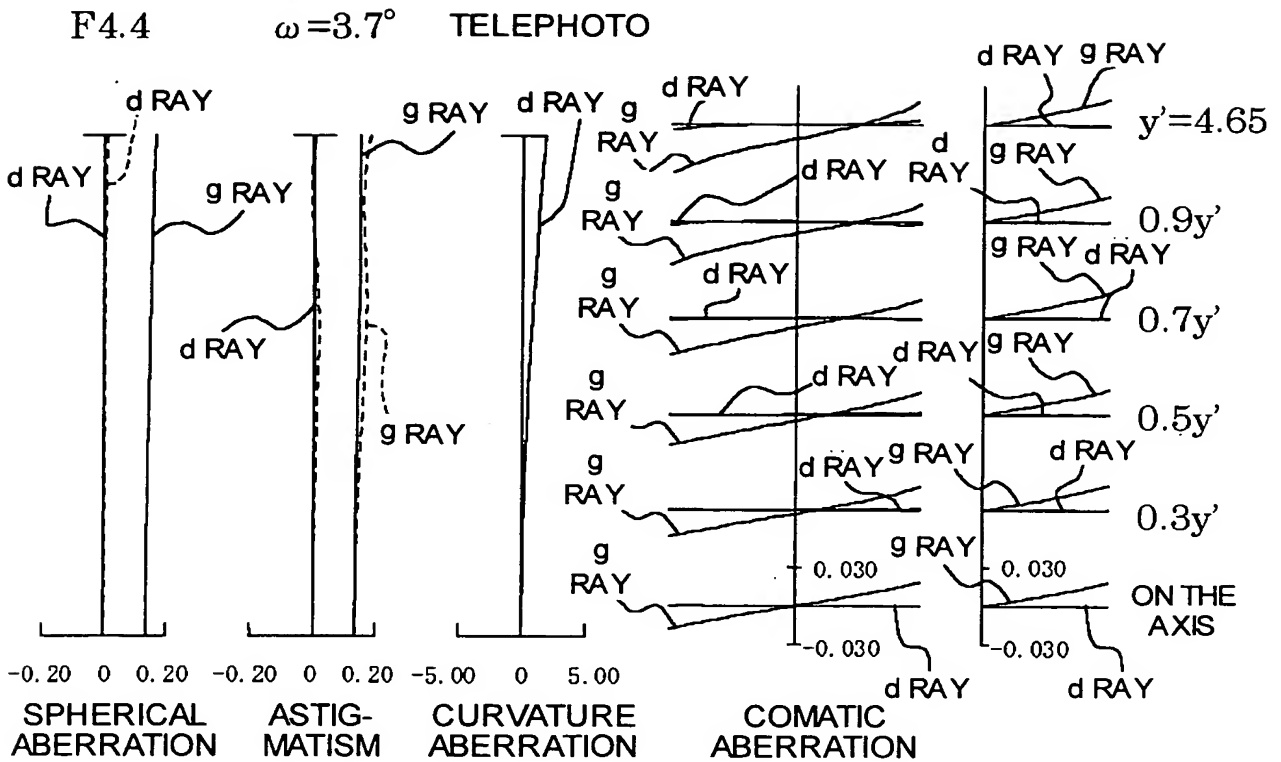
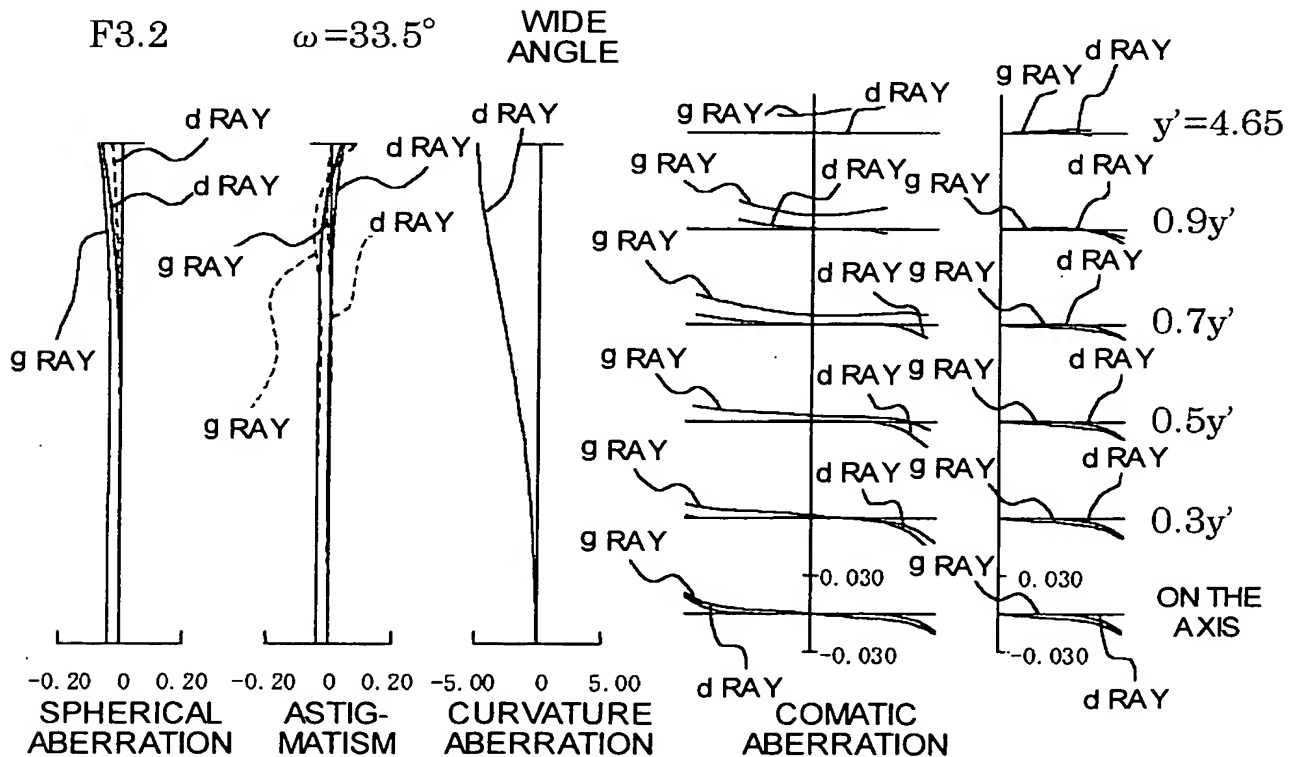


FIG.50



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FIG.51

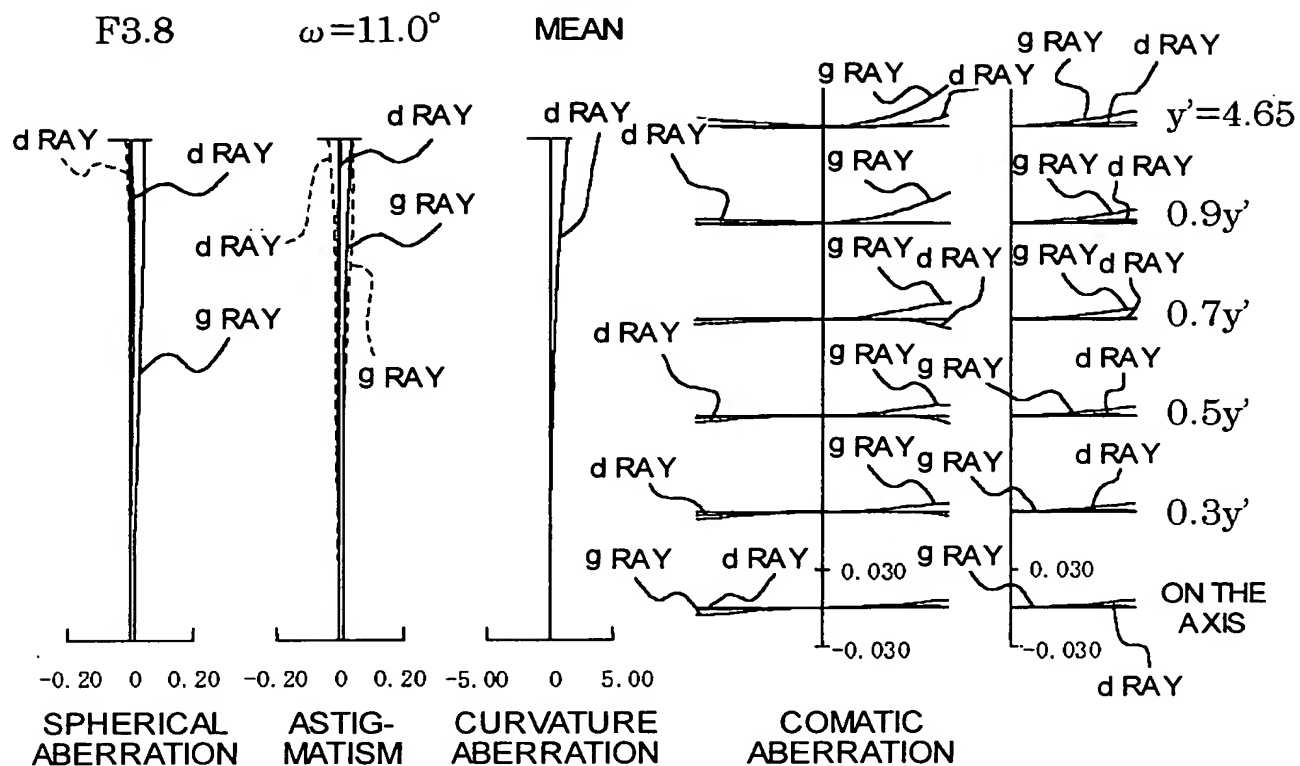
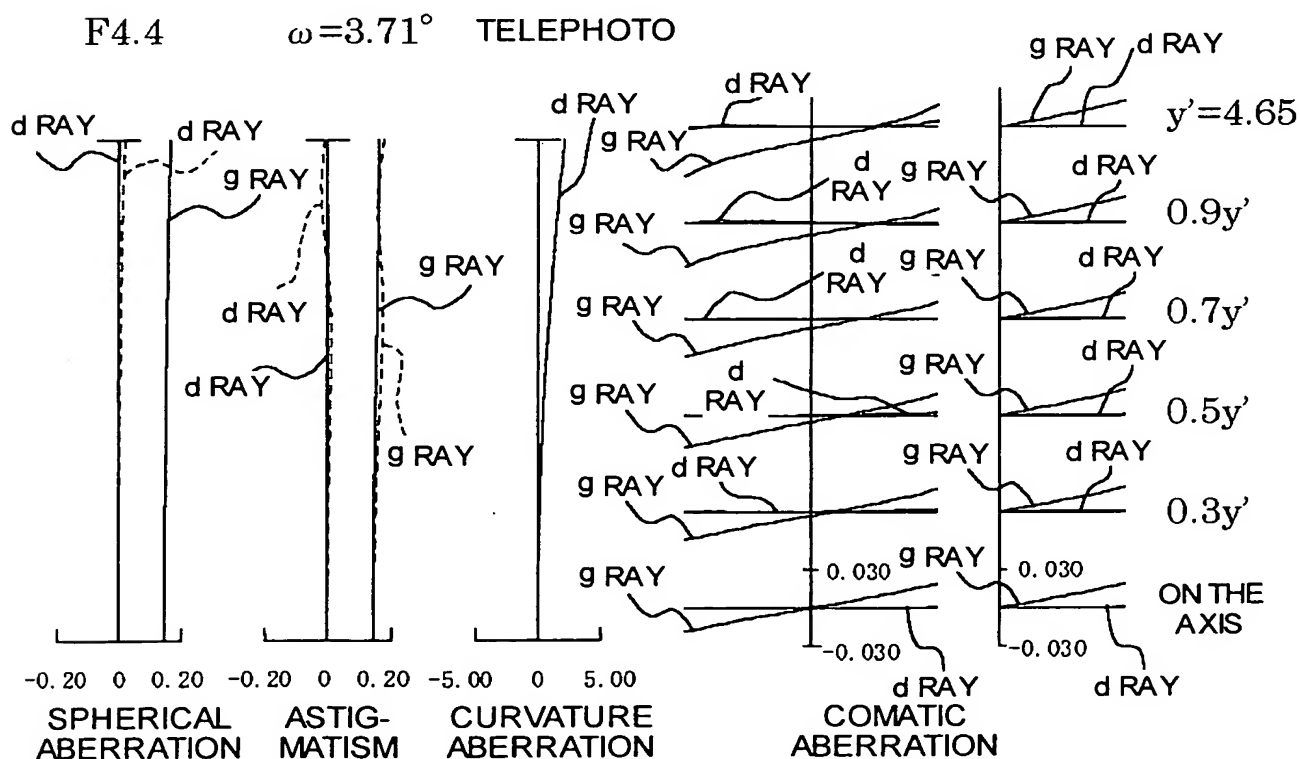
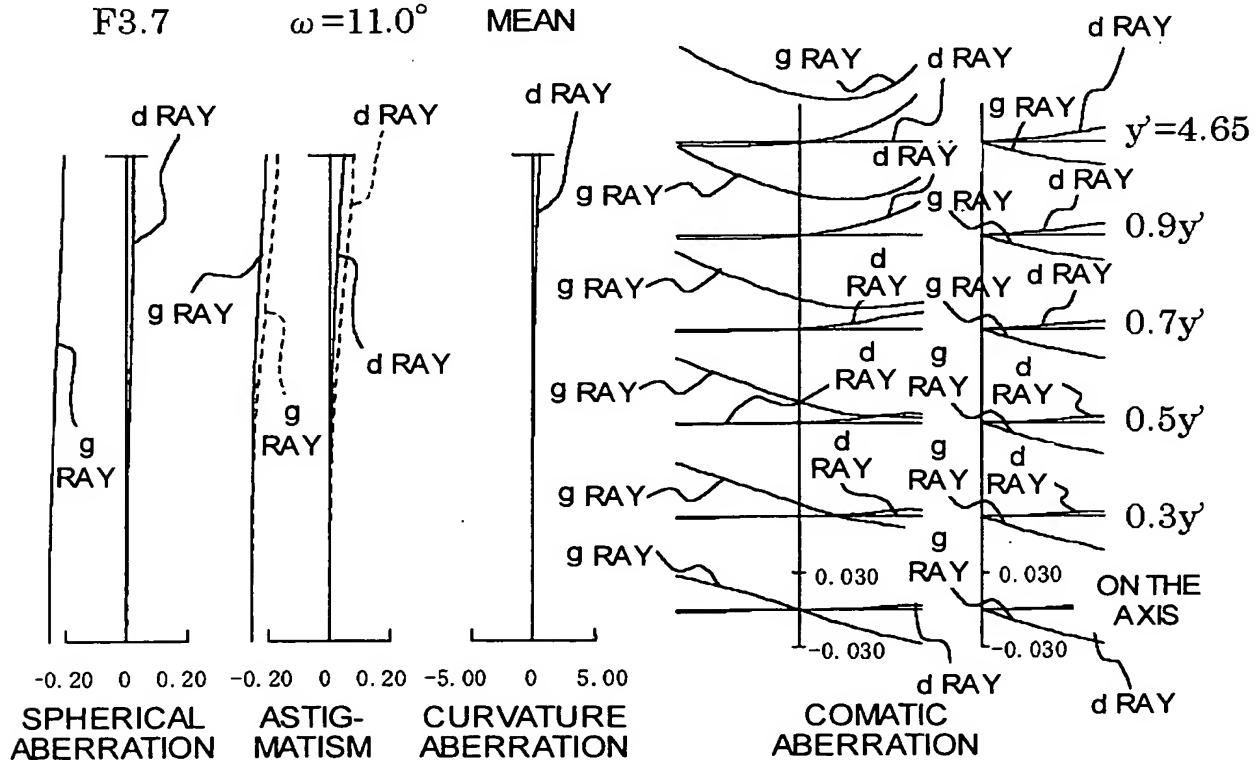
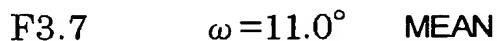


FIG.52



F3.1 $\omega=33.5^\circ$ WIDE ANGLE



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FIG.55

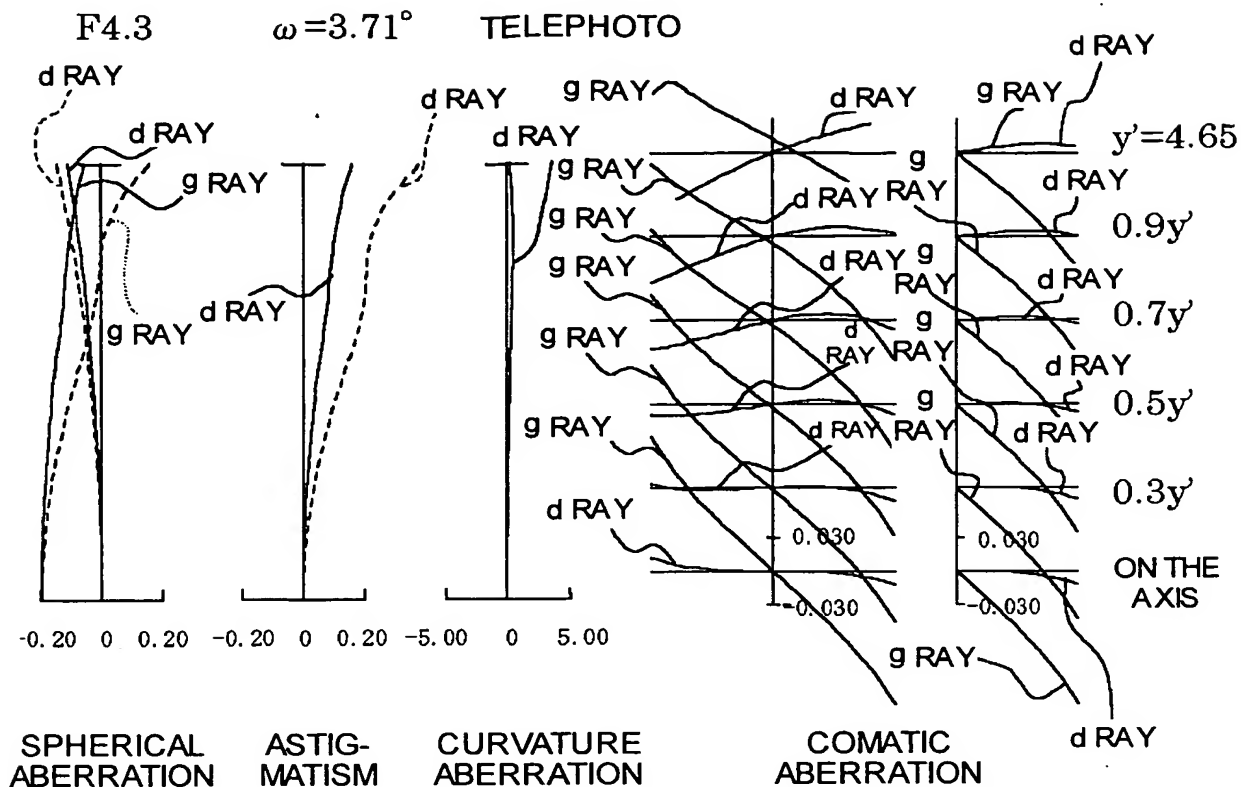
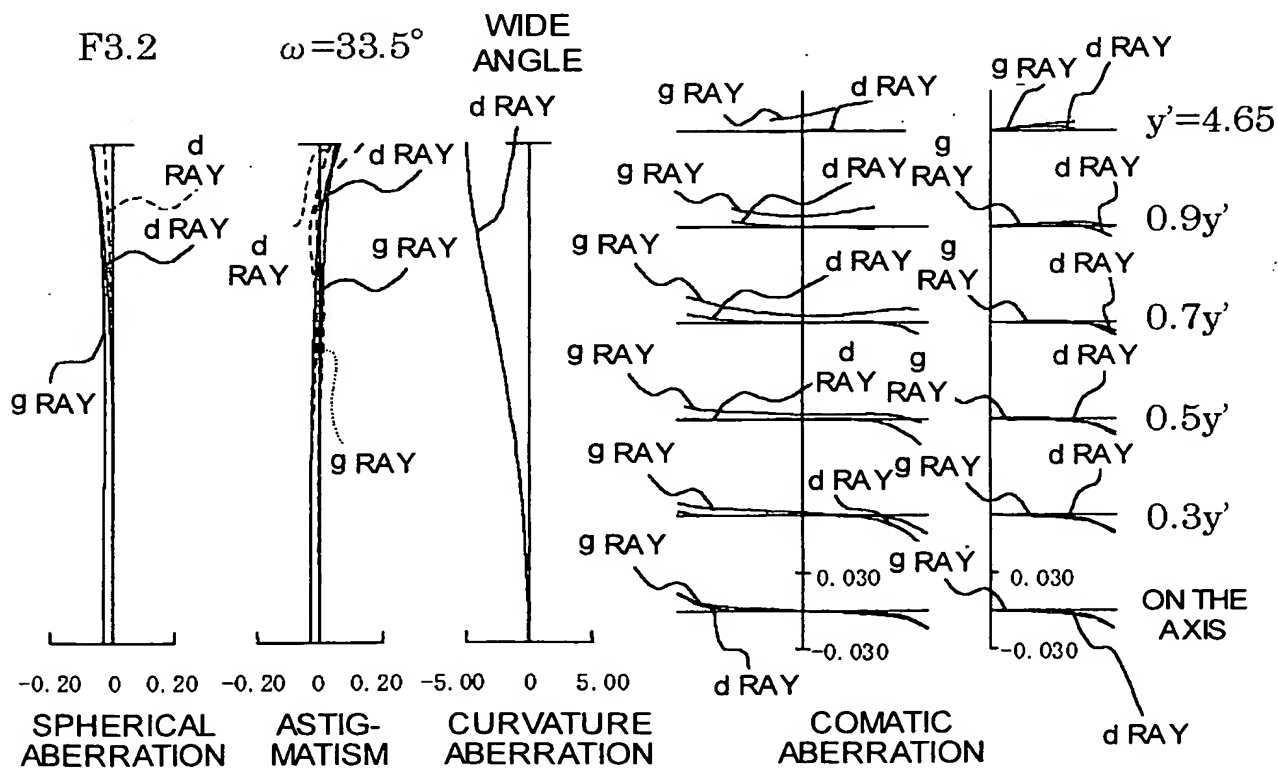


FIG.56



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FIG.57

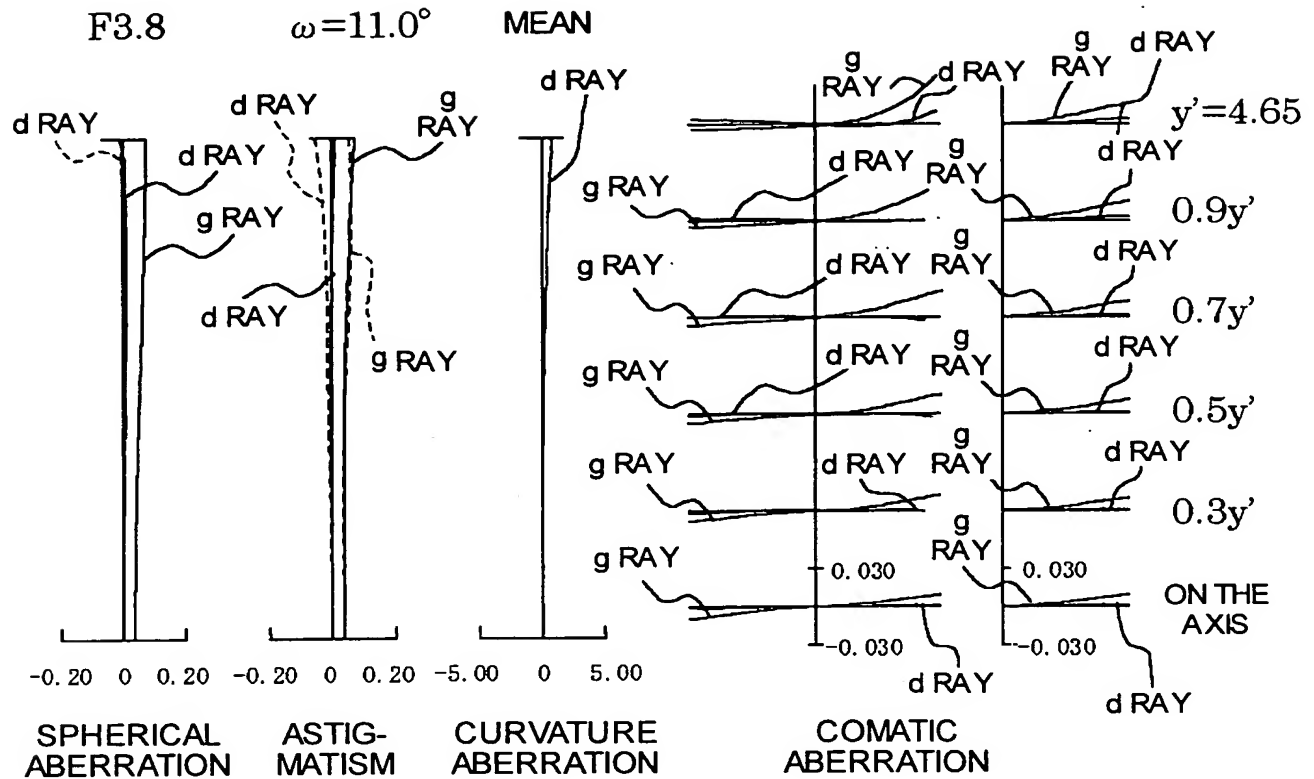
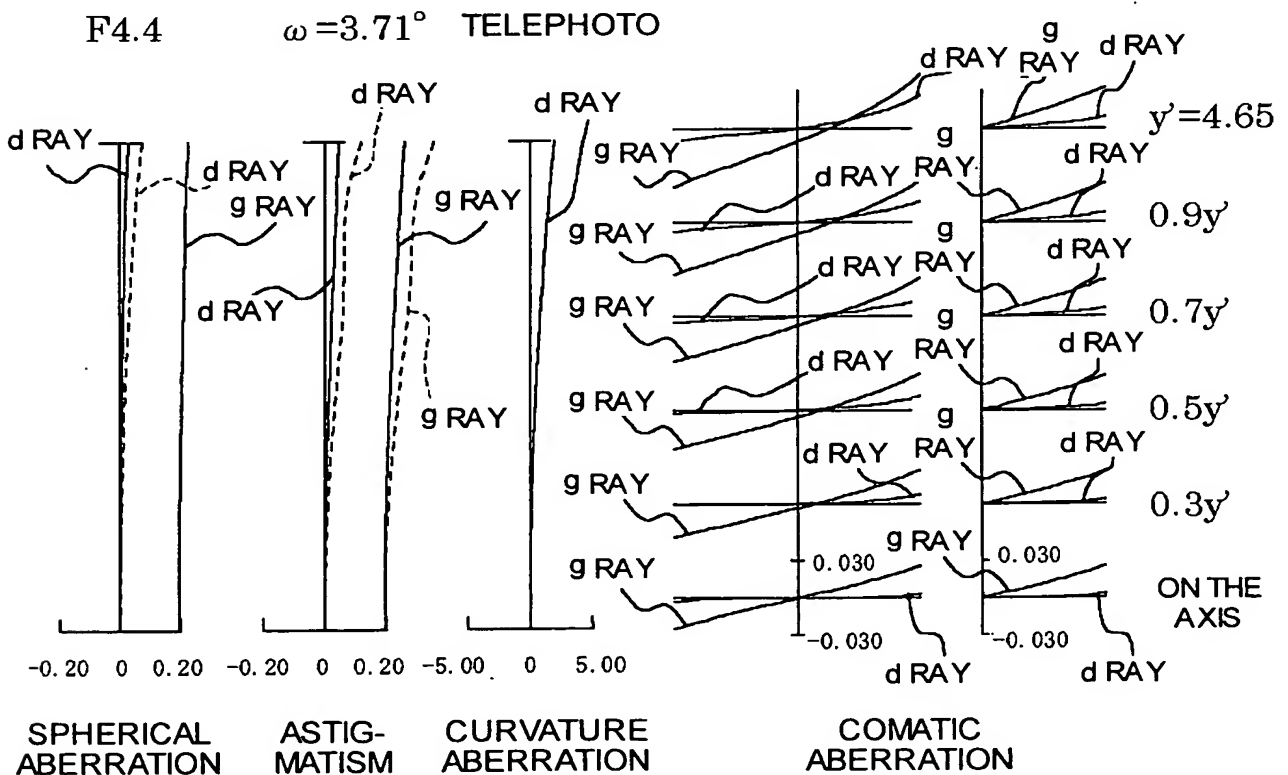


FIG.58



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FIG.59

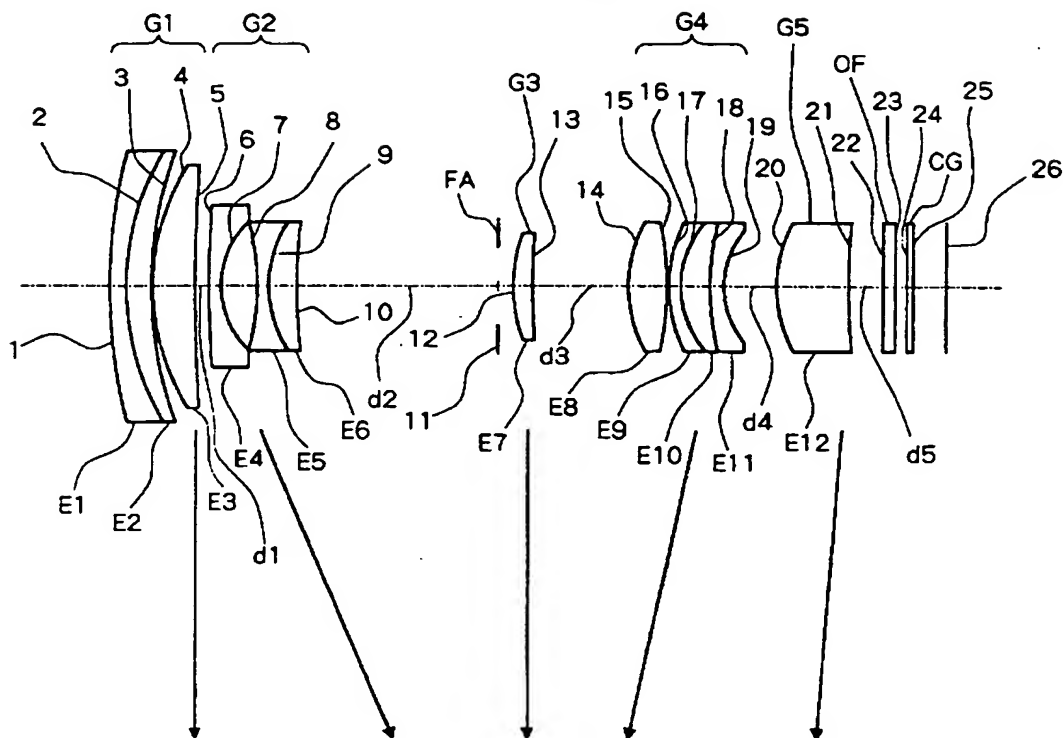
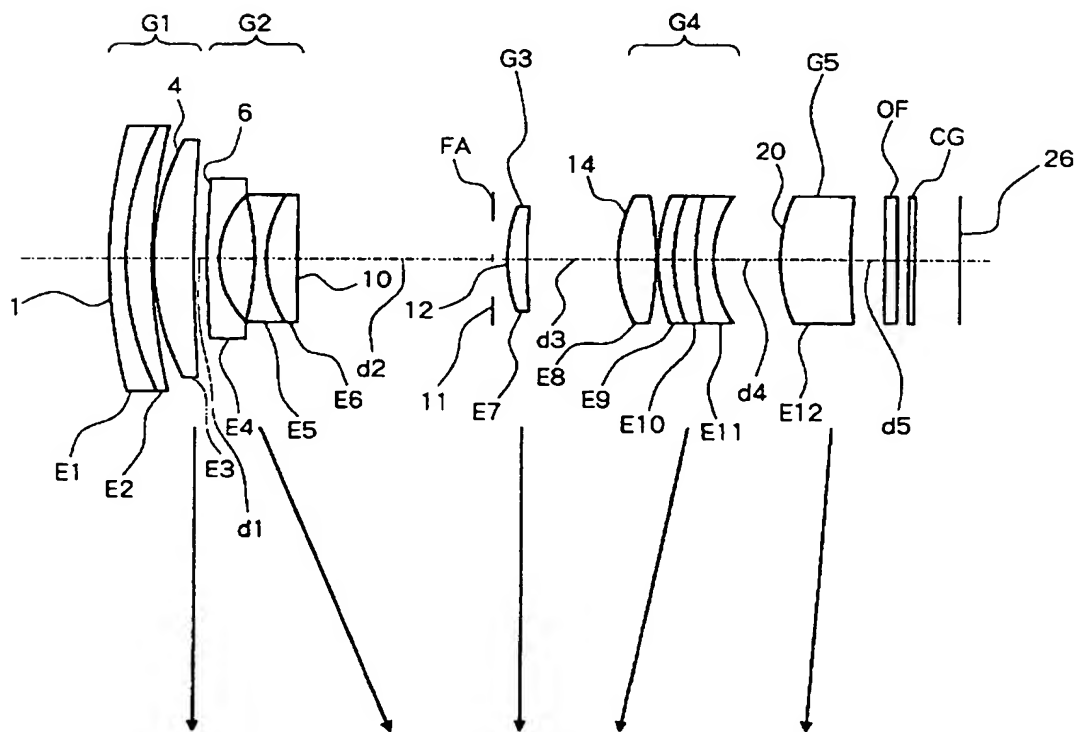


FIG.60



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FIG.61

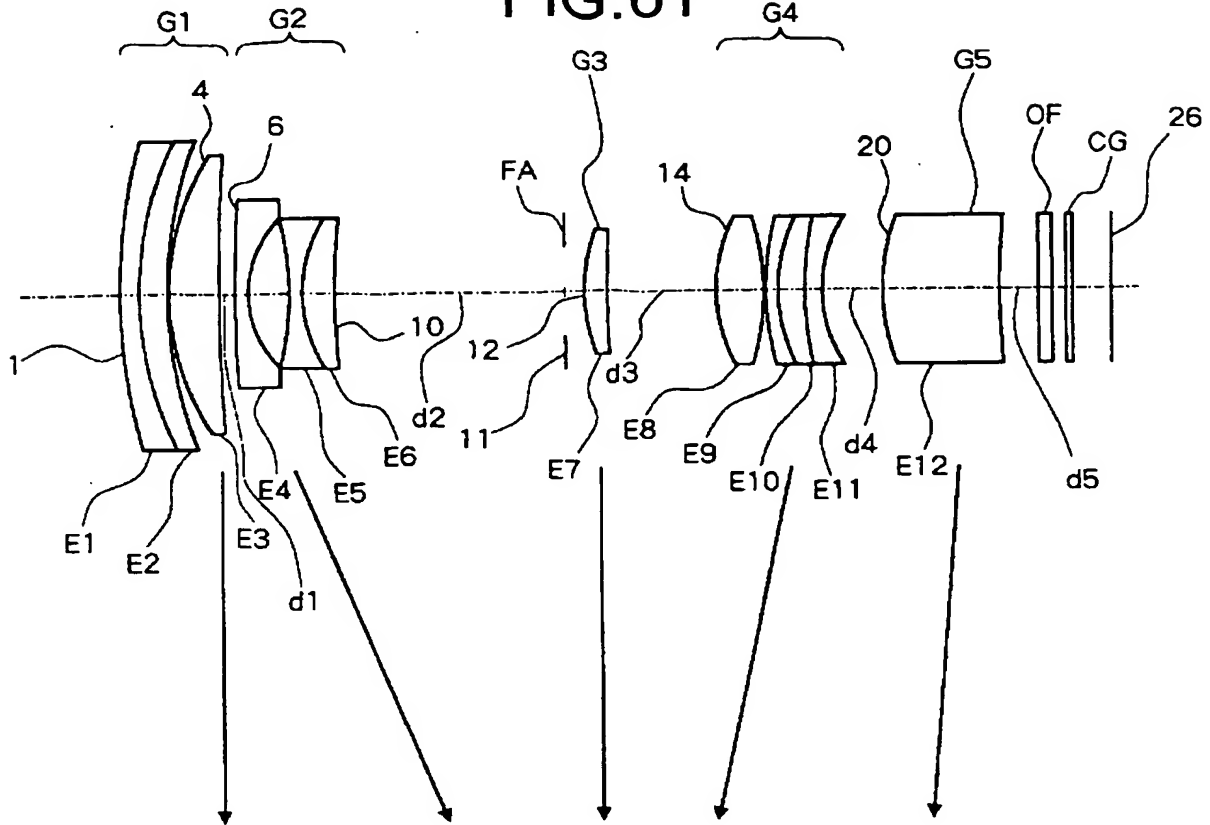


FIG.62

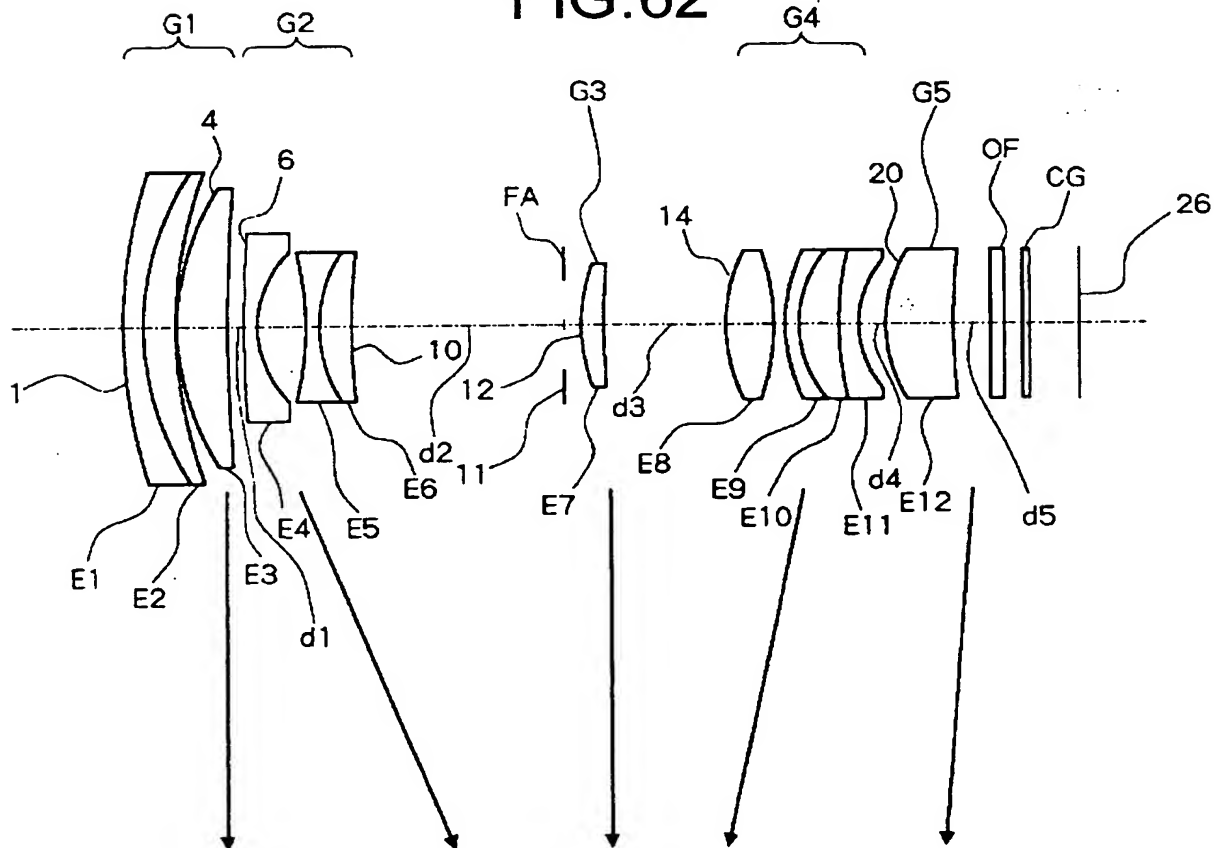


FIG.63

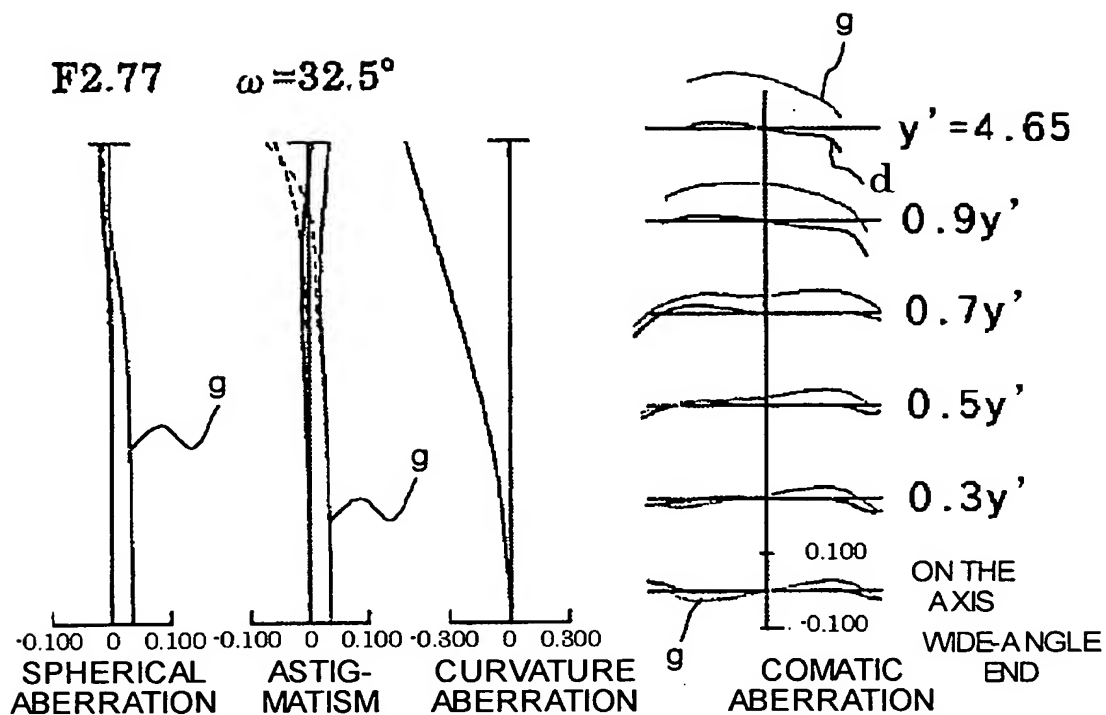


FIG.64

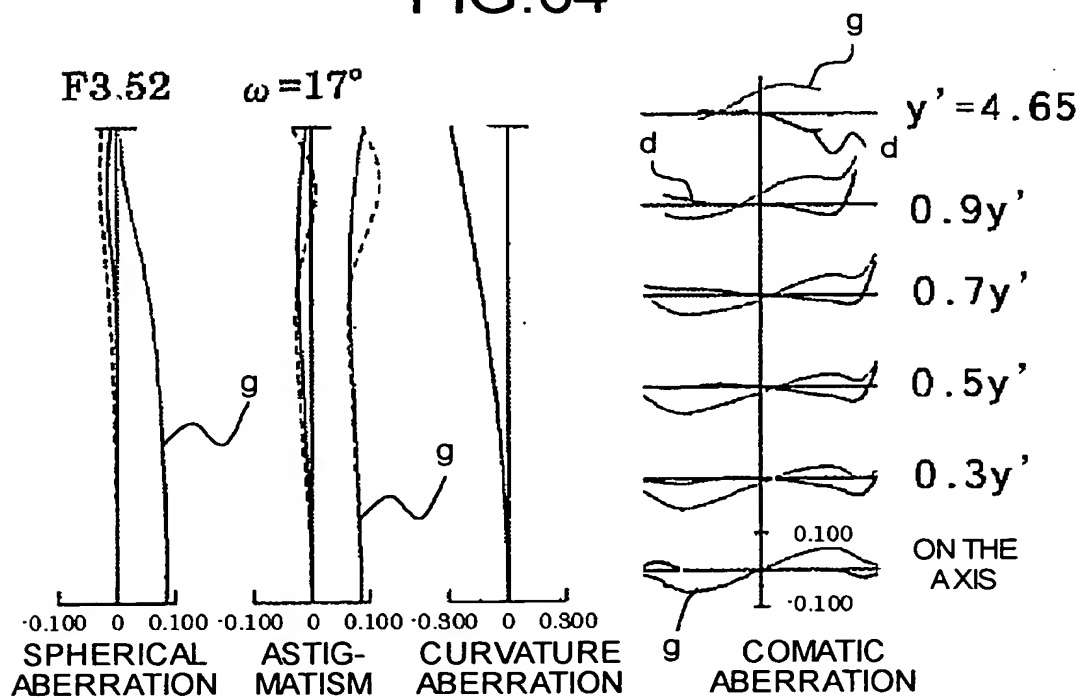


FIG.65

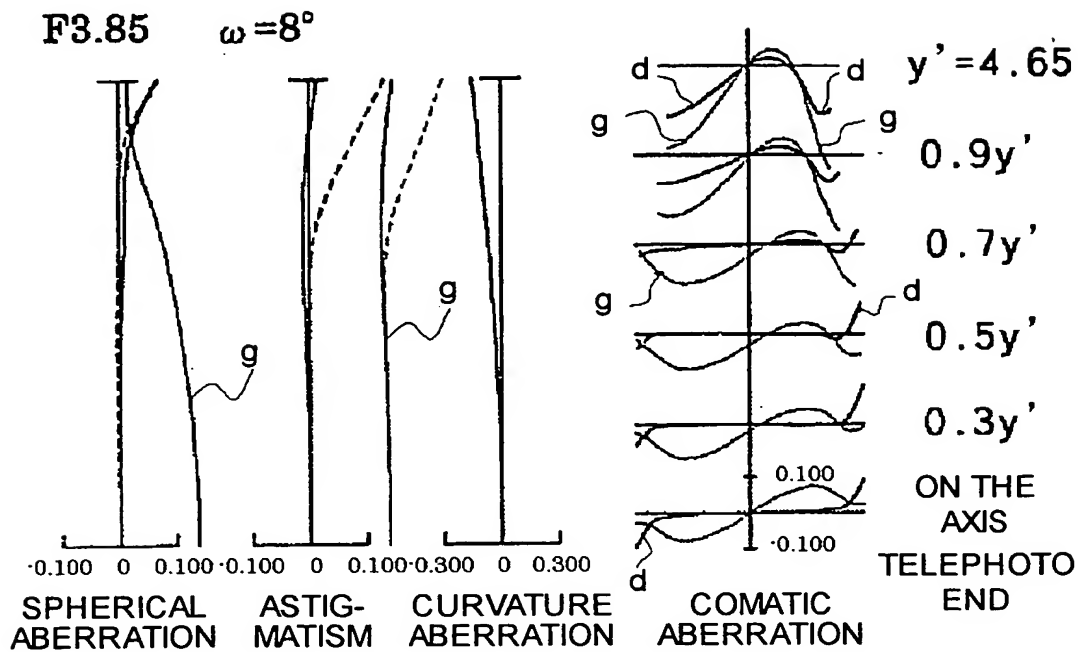
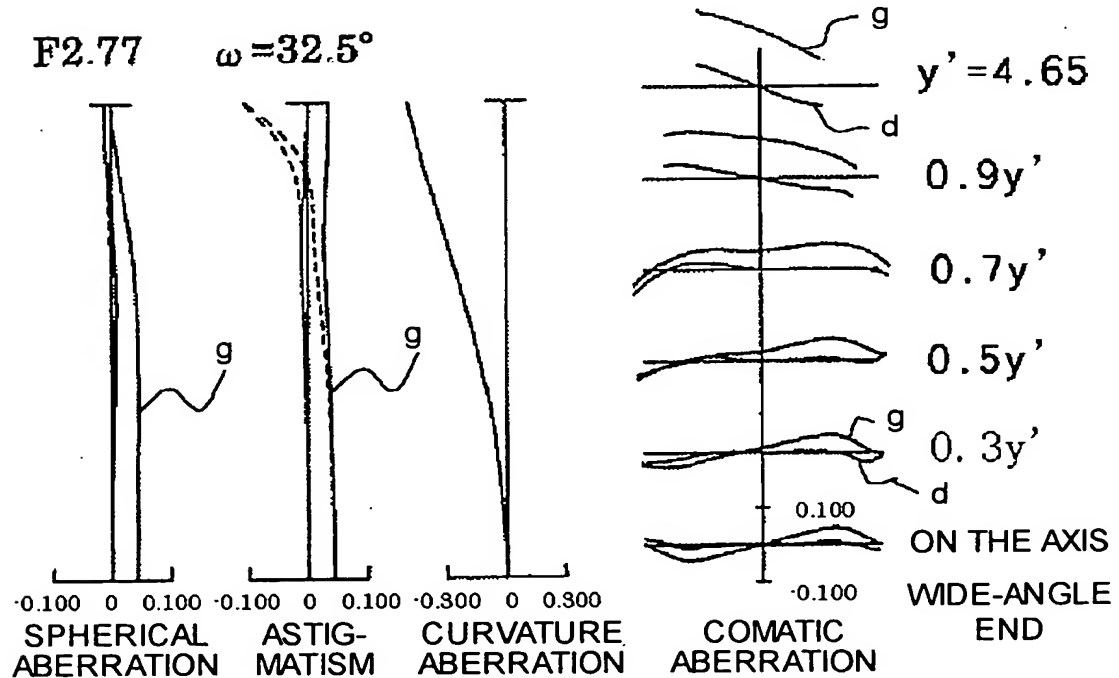


FIG.66



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FIG.67

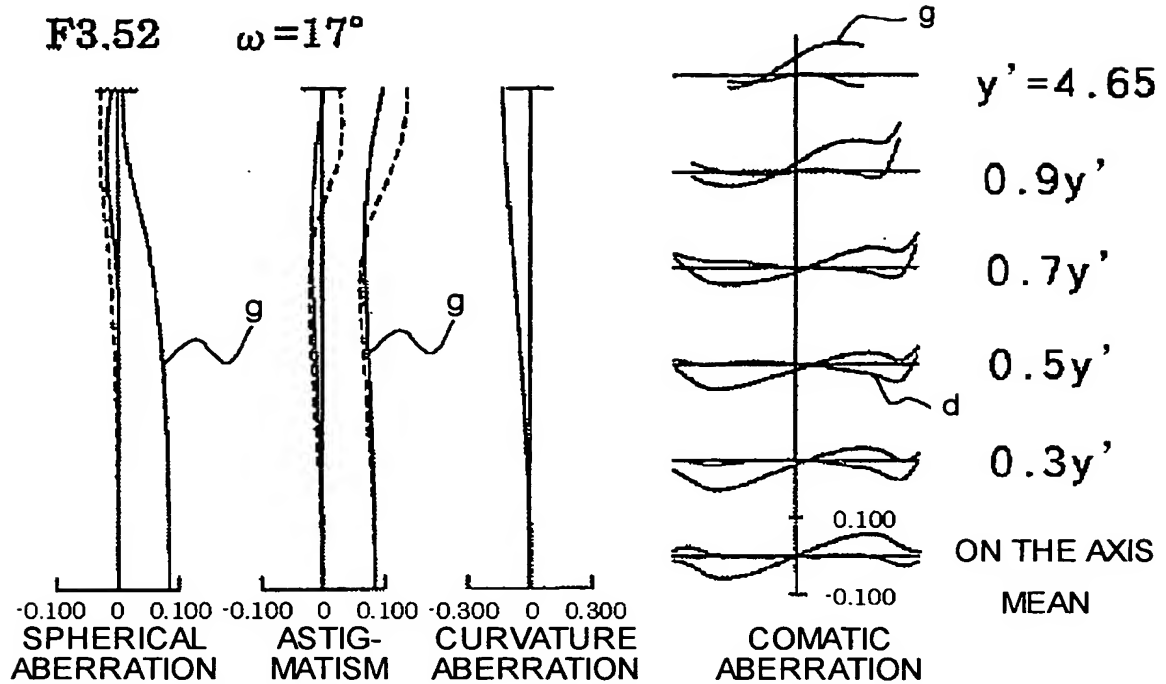


FIG.68

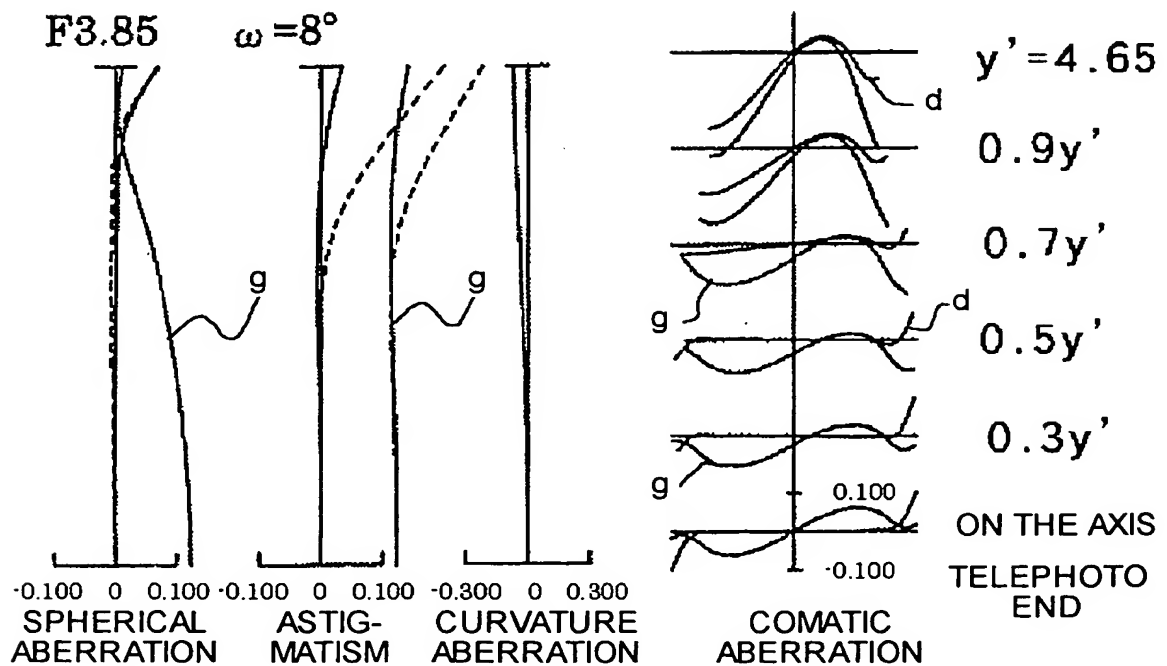


FIG.69

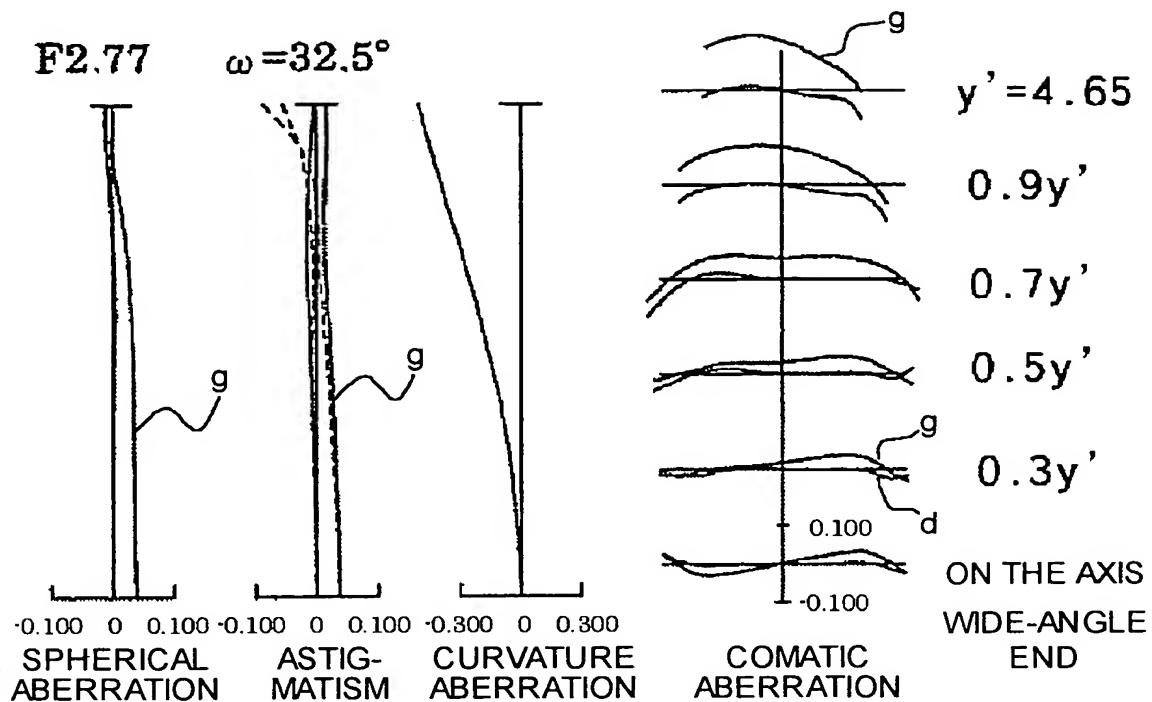


FIG.70

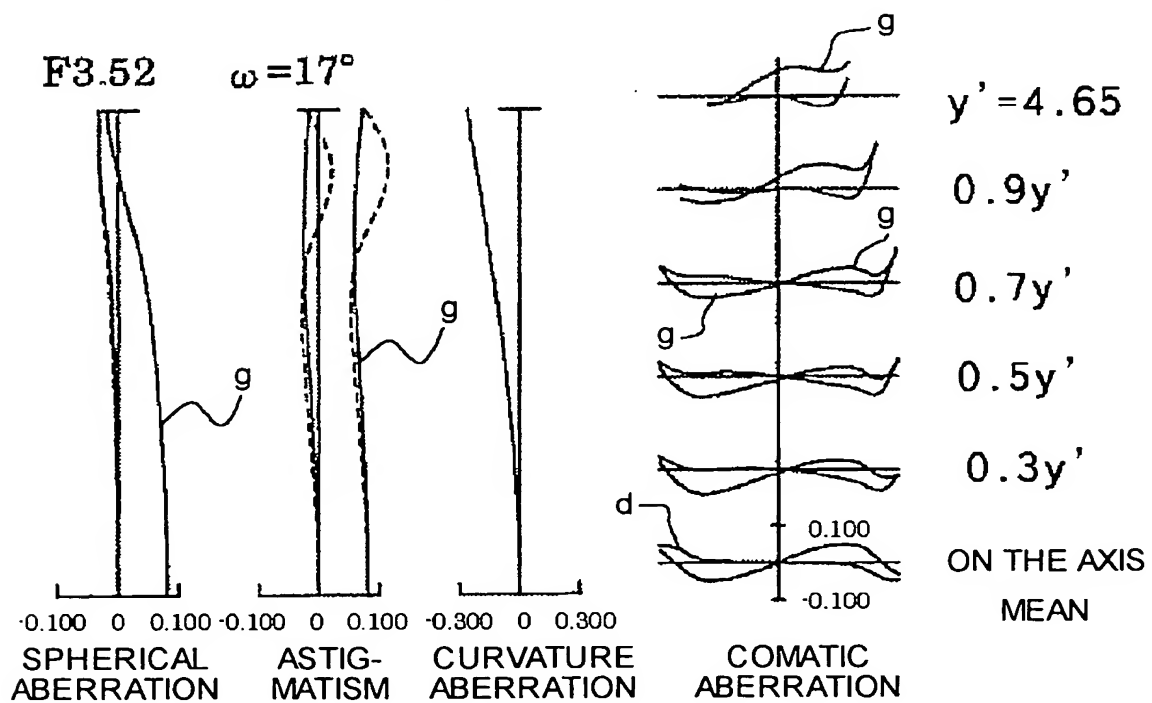


FIG.71

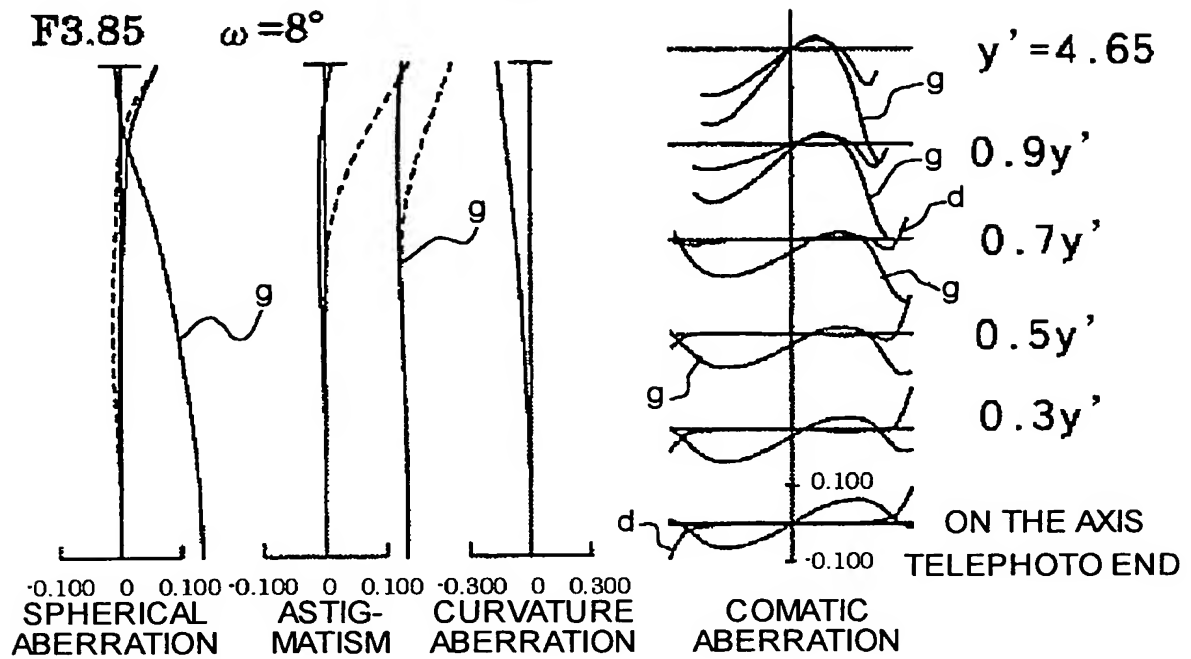


FIG.72

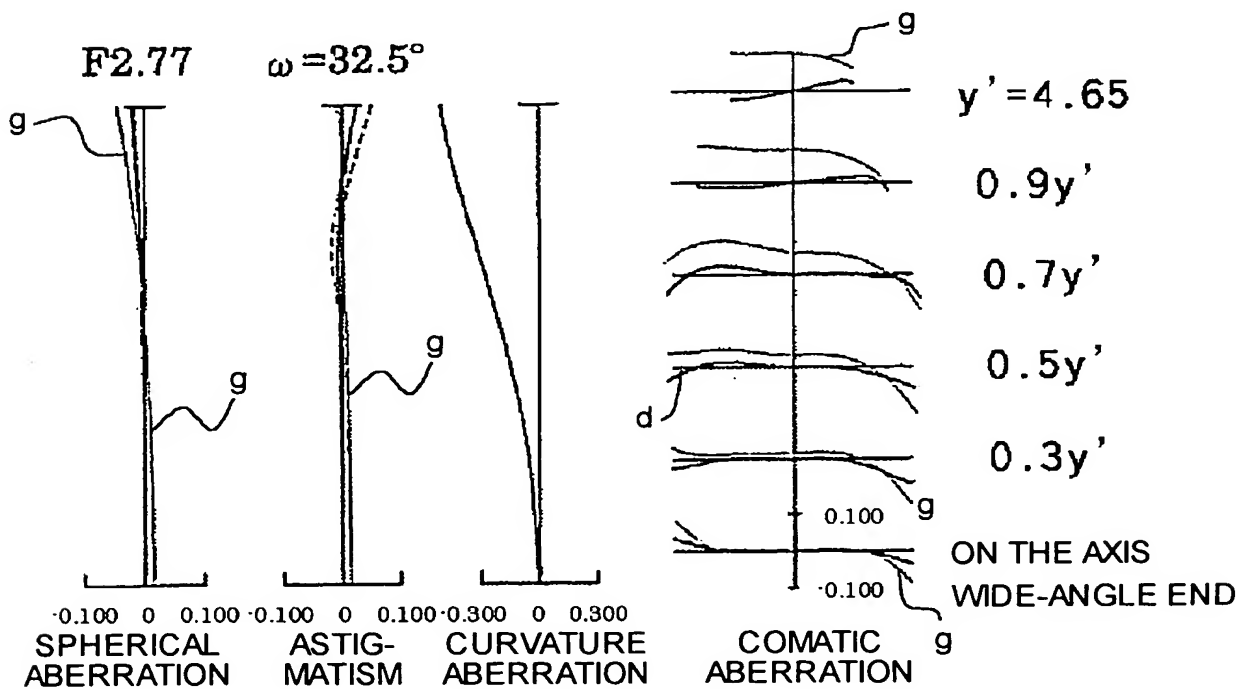


FIG.73

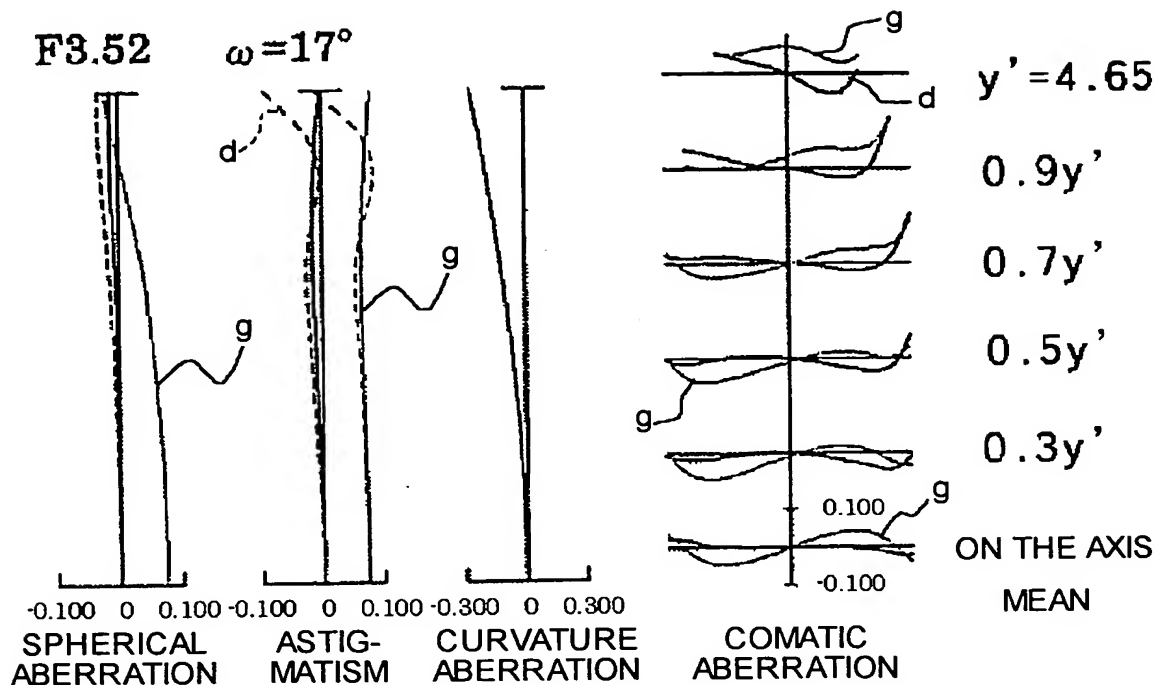


FIG.74

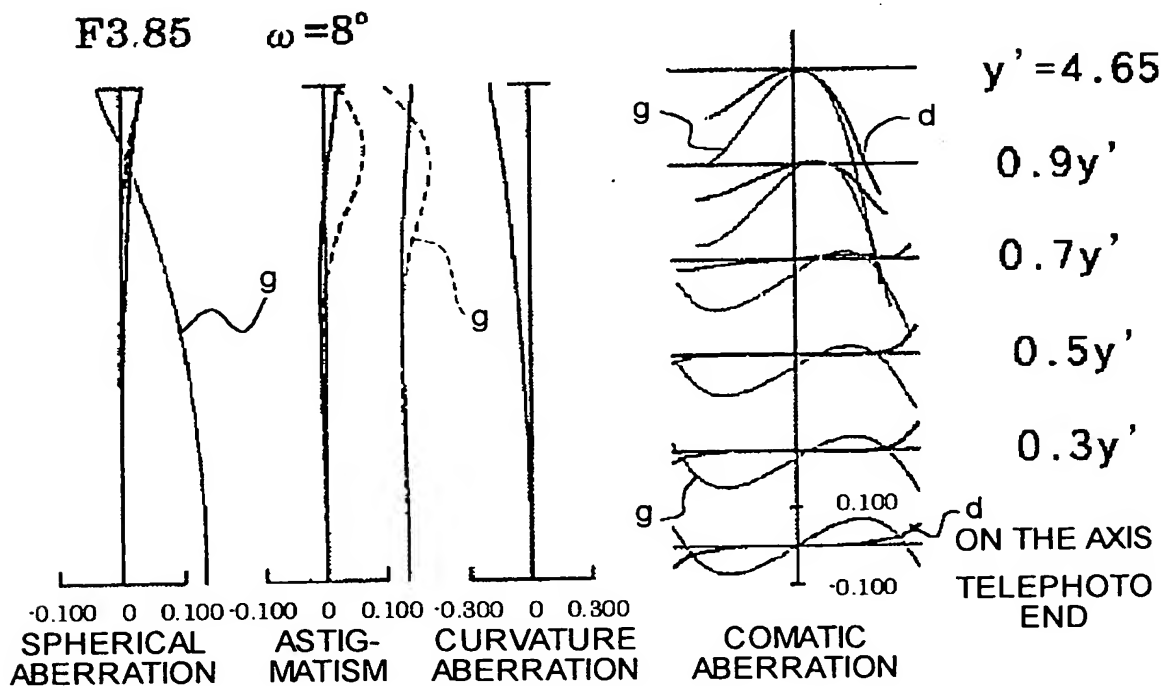


FIG.75

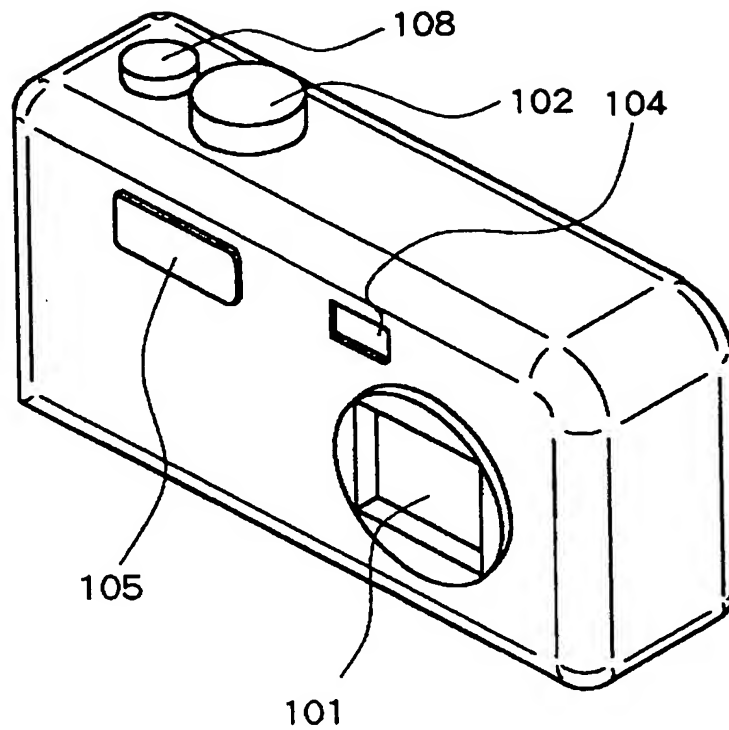


FIG.76

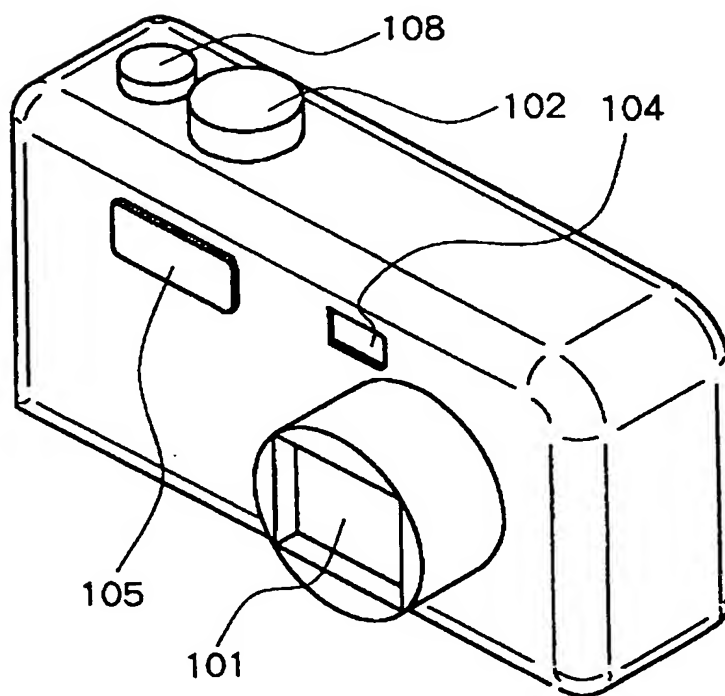


FIG.77

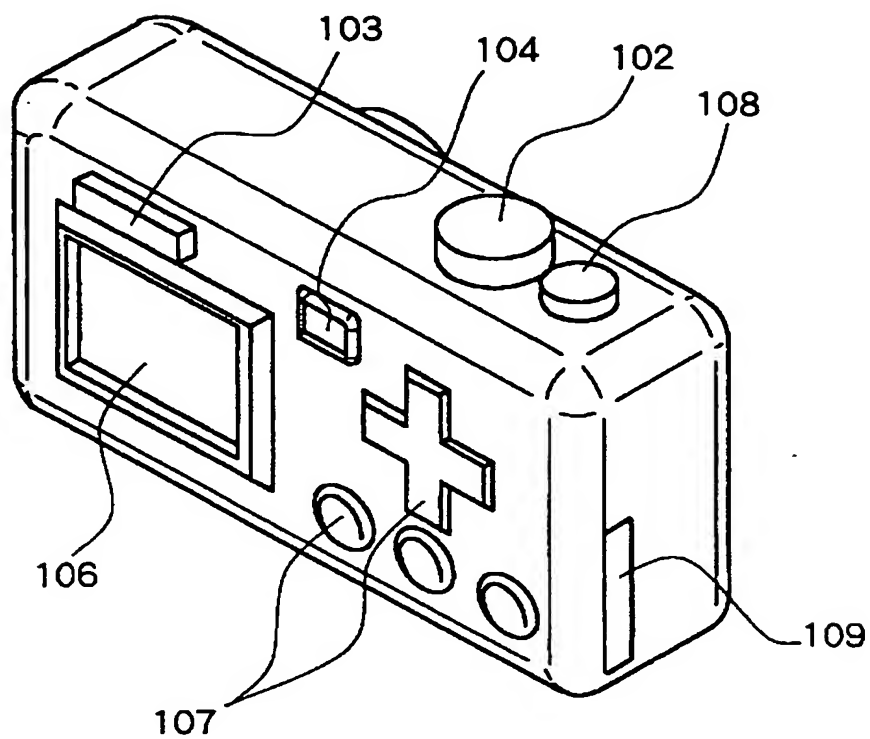


FIG.78

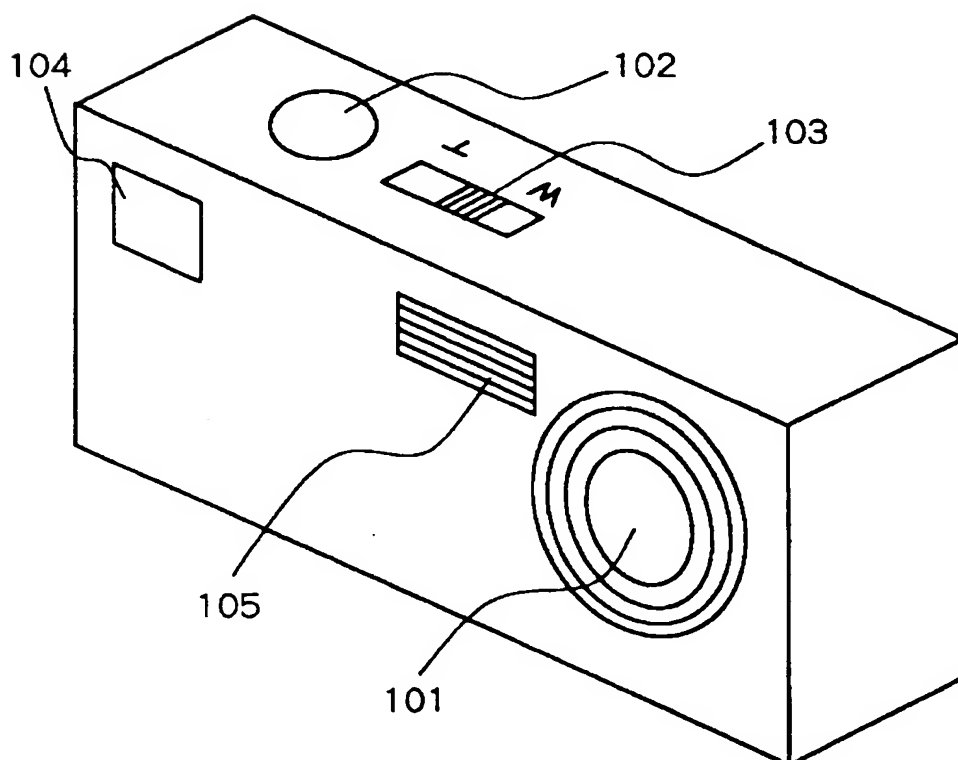


FIG.79

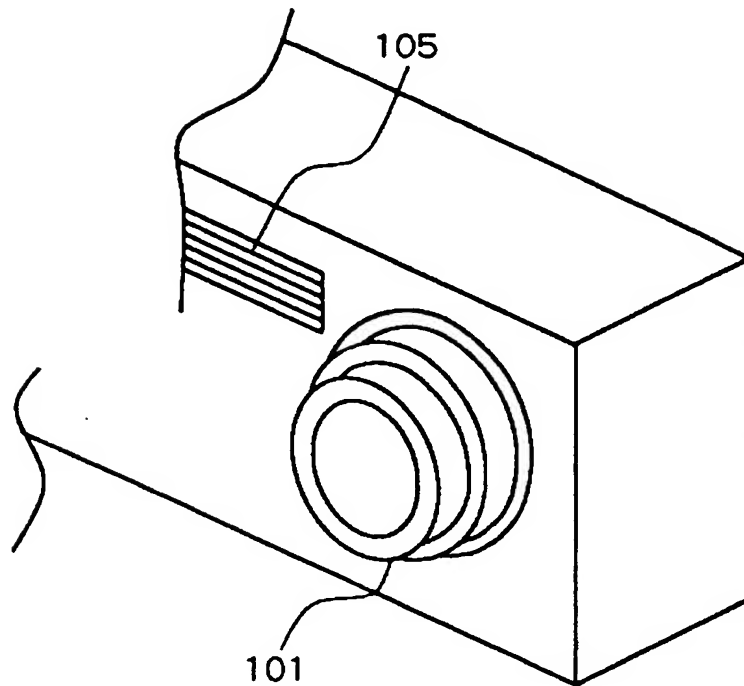


FIG.80

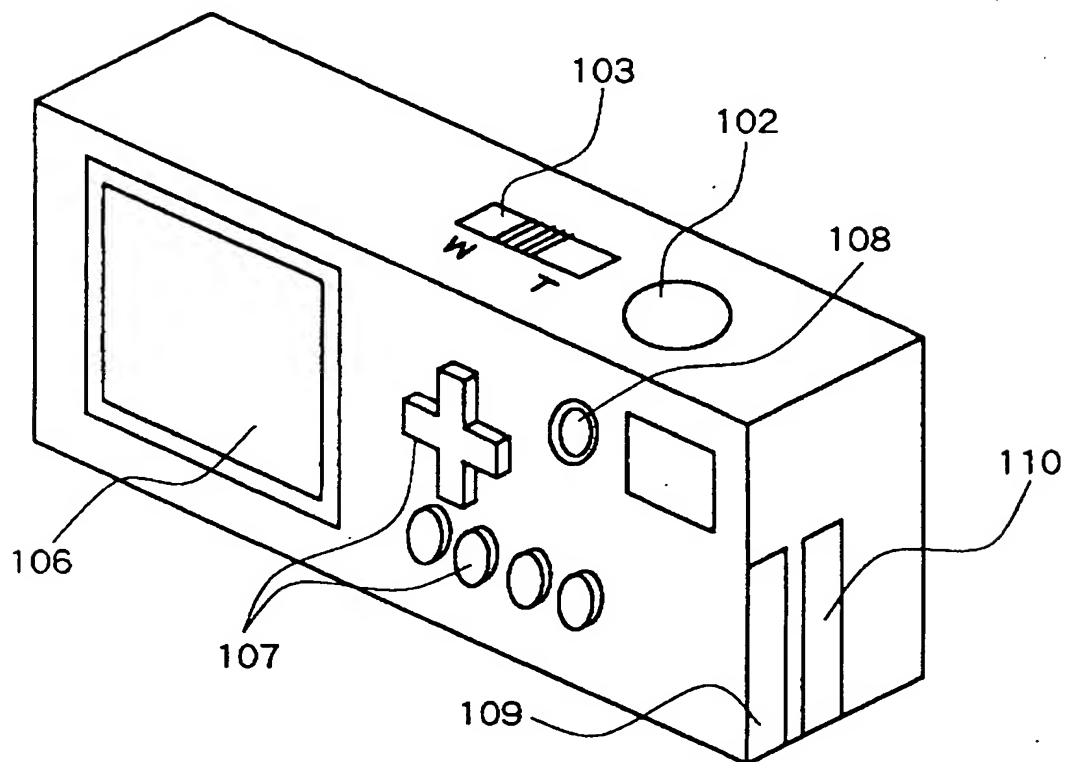


FIG.81

